

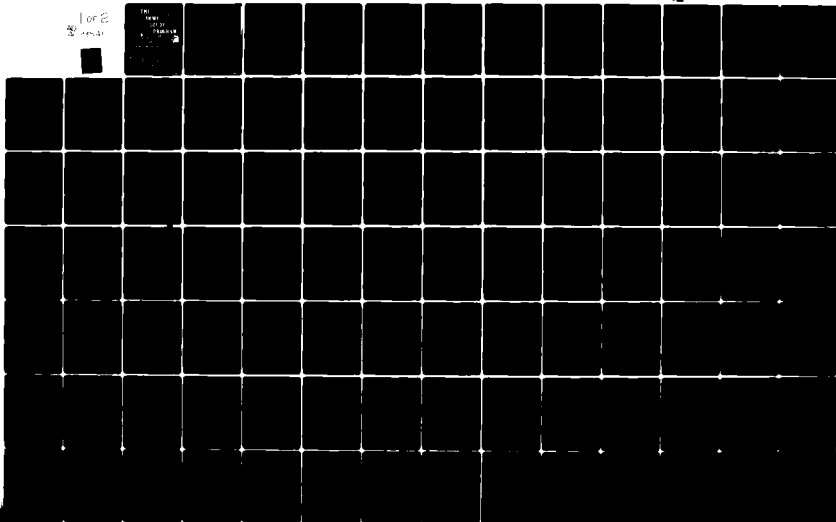
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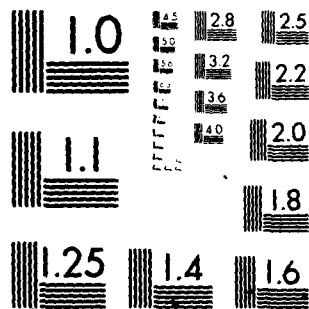
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THE ARMY STUDY PROGRAM. (U)
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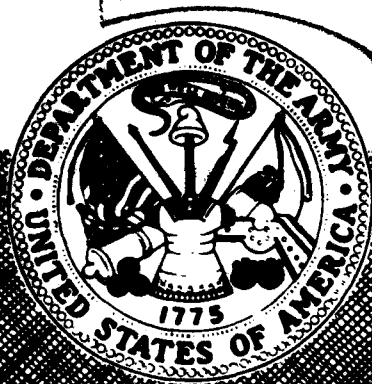


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THE ARMY STUDY PROGRAM

LEVEL II
②



MISSION OF THE ARMY STUDY SYSTEM — TO PROVIDE THE MEANS, THROUGH FORMAL ANALYTIC EFFORT, FOR THE ARMY TO EXAMINE CRITICAL PROBLEMS AND IMPROVE THE QUALITY AND USEFULNESS OF ANALYSES IN SUPPORT OF PLANNING, PROGRAMING, AND BUDGETING DECISIONS.

⑨ Rept. for FY 1981.

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STUDY PROGRAM MANAGEMENT OFFICE
HQDA (DACS—DMO)

MANAGEMENT DIRECTORATE, OCSA
WASHINGTON, DC 20310

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FOREWORD

→ The FY81 Army Study Program herein presented includes command and agency study program agendas for the period. The study program will be updated on a quarterly basis and reviewed by the Study Program Coordination Committee. Accomplishment of individual study efforts and allocation of necessary funds are separate actions to be taken in accordance with AR 5-5.

Better Army studies will result from better assessment of problems before studies are undertaken, better application of analytic resources, and better use of completed products - the bottom line for improving the quality of studies and ensuring that the right problems are studied. ←

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CHAPTER 1

STUDY PLANNING GUIDANCE

1. INTRODUCTION. This chapter contains Department of the Army FY81 Study Planning Guidance. The guidance was provided previously to MACOMs and agencies for developing their portions of the Army Study Program for FY81.

2. BACKGROUND. Study Planning Guidance communicates to Army commands and agencies intentions of Army leadership about where the study program should be heading and indicates specific topics to be addressed. It does not exclude additional studies in areas of special interest to commands and agencies. Included in Study Planning Guidance are priority problem areas (PPA) that the Army will face which can profitably use additional study emphasis. A priority problem area will be included in Study Planning Guidance as long as it remains a high priority and unresolved critical issue. Agency heads and MACOM commanders must ensure that the limited study resources are directed toward areas having the greatest probability of producing timely and useful results. Good results must be put to good use.

3. PRIORITY PROBLEM AREAS (PPA). Each year, Army leadership establishes areas for priority study. These PPA describe salient aspects of critical Army problems. Each PPA is assigned to an appropriate HQDA Staff agency, designating responsibility to coordinate preparation of a study subprogram adequate for a thorough and integrated approach to solutions. Agency heads and MACOM commanders must ensure that their study programs reflect a coherent plan for resolution or substantial progress within the time frame of the program. FY81 PPA are listed and described below:

a. Initial Force Effectiveness and Survivability. Both simulations and experience have indicated that the first few weeks of combat in a future war will be intense and probably sustained night and day and under all conditions of weather. Additional study is needed of the effectiveness of our forces under such conditions and the requirements to assure a successful defense during the initial week of combat.

(1) Assess the impact of US equipment requirements, tactics, doctrine and force mix resulting from a potential need to rapidly reinforce the forces of our allies (e.g., in NATO, Korea, Middle East - Persian Gulf) outside the range of normal US support. Assessments should be made in the tactical sense, such as a commitment outside the US sector and in the strategic sense, such as a commitment to an undeveloped theater.

(2) Assess strengths/weaknesses of current/planned forces in continuous combat under full range of environmental conditions to be expected, (e.g., night, obscuration, bad weather, etc).

(3) Provide improved estimates of vulnerability to degradation of all systems in tactical units (e.g., ADPE, sensors, communications systems, as well as personnel and weapon systems).

(4) Assess impact of short warning on initial effectiveness.

b. Force Readiness/Rapid Reinforcement. The Army's ability to execute operational plans is dependent upon combat ready active and Reserve Component units and upon an effective mobilization and deployment process. Better understanding of the requirements for and constraints on unit, force and mobilization system readiness are required if the Army is to make realistic plans and program appropriate improvements.

(1) Assess the performance of the CONUS mobilization and movement system, and POMCUS, with realistic consideration of personnel, transportation, facility and training assets and constraints.

(2) In conjunction with the above, assess the ability of the Army's systems to transition rapidly to a war footing and provide necessary support to theater forces.

(3) Determine the adequacy of planned strategic lift and theater reception capability in view of the uncertainty of availability and probable attrition of life, debarkation, and reception resources.

(4) Determine the preferred allocation of training, personnel, facility and material resources to maximize force readiness. Such measures and methods should enable the Army to relate alternative investments strategies for resources to unit and force effectiveness.

c. Tactical Nuclear and Chemical Warfare. Nuclear and chemical weapons present unique problems to the planner because of their profound and extensive effect on military operations and the political context in which these operations take place. Rational development of nuclear and large range of friendly and enemy options including the influence of political factors and serious information gaps at the time of decision. The problem is complicated by the strong interactions among conventional, nuclear and chemical operations, which have not yet been adequately studied.

(1) Define comprehensive alternative criteria for NATO and threat tactical nuclear and chemical weapon employment

decisions. Consider likely evolution of the war, political constraints, and ultimate outcomes. Develop improved, coherent doctrine for integrated warfare.

(2) Assess the validity of current doctrine in light of new nuclear, chemical, and conventional systems. Assess impact of evolving doctrine on systems under development.

(3) Determine the vulnerability of theater rear area systems and personnel (dependents, civilian employees) to nuclear and chemical attack. Consider particularly storage sites, ports and transportation systems vital to initial phases of a war.

(4) Develop measures to improve the survivability of tactical nuclear and chemical delivery systems.

d. Command, Control, Communication and Intelligence (C3I). Technical developments in tactical intelligence and C3 systems raise the possibility of offsetting the quantitative advantage of threat weapon systems. However, we have not yet defined how to exploit the full potential of these systems, nor how to rationalize requirements. Also, the effectiveness of these systems is seriously threatened by electronic countermeasures.

(1) Develop measures of the contribution of tactical information to combat effectiveness.

(2) Define process for fusing tactical intelligence, target acquisition, and combat information through automated C3 systems.

(3) Determine the effects of threat EW on combat operations and define ways to minimize adverse effects.

(4) Determine data distribution requirements on the battlefield and develop methods that will permit orderly evaluation of communication, navigation and other affected systems.

(5) Define requirements and procedures for bringing about interoperability of C3I systems with allied forces and other services.

e. Air Defense. Air defense in Europe continues to pose a series of complex issues. The primary area of concern is the interoperability of various air defense systems and other weapons in the same area.

(1) Develop and evaluate concepts to assure efficient interoperability and command and control of various air defense systems, including ground to air and interceptors.

(2) Determine the impact of AWACS, Aegis, other netted radars, and other US Air Force and Navy systems on the design of future Army Air Defense Systems.

(3) Determine the impact on the design of US Army equipment and software imposed by their operation within an integrated NATO air defense net.

f. Manpower Availability and Personnel Management. The Army does not have enough personnel to man all of its units in peacetime. Furthermore, it does not have enough qualified personnel in the individual reserve categories to fill out all units and replace losses early in a war. The solution to both appears to lie in improvements in recruiting and retention, particularly in the Reserve Components. Likewise, within the imposed end-strength ceilings, increased emphasis on civilian manpower and personnel management improvements dictate continuing analytic effort.

(1) Determine what aspects of Army activities, procedures, training and leadership have the greatest bearing on recruitment and retention for the Total Force.

(2) Improve current planning for manning the force through: Improving the assessment of Reserve Component capabilities, developing and evaluating means of increasing reliable IRR strength, developing procedures for maximum utilization of retired personnel, and assessing the impact of related systems such as selective service. Determine the management procedures required to develop prioritized mobilization packages for both military and civilian personnel, to include TRADOC and FORSCOM mobilization requirements.

(3) Improve current planning for, and evaluate the impact of, reallocation of available personnel at mobilization to fill personnel shortfalls in units and in replacement pools.

(4) Assess the risks/alternatives of potential trade offs between various military end strength and DA civilian/contractor end strengths; develop better rationale to establish civilian end strength baseline.

(5) Improve the management of civilian manpower to include development and validation of requirements, allocations, utilization, training, and career development.

g. Force Design, Planning, Programing and Modernization. The Army has considerable difficulty justifying its force structure and modernization programs to the Secretary of Defense and to Congress. As a result our structure has been frequently modified and programs delayed, without adequate consideration of the effect

on the overall balance of the Army. Part of the problem is a lack of useful methods for designing the force and balancing its various components. Another part is the difficulty of considering all the various environments and threats that affect the design of the force. And, finally, we lack an efficient procedure for developing and presenting force alternatives to appropriate decisionmakers.

(1) Develop improved methods for designing units, organizations and alternative forces and for evaluating alternatives in a full range of realistic environments and countermeasures.

(2) Determine improved procedures for developing Army force requirements, programs, and modernization, for assessing advantages and risks of alternatives, and for presenting these to decisionmakers.

(3) Develop improved force structures and force development plans with particular emphasis on --

(a) Affordability/force modernization;

(b) Combat/support balance in tactical forces;

(c) Balance between combat structure and the wholesale logistics system;

(d) The structure of the Reserve Components to meet peacetime and wartime missions;

(e) Efficient balance of tactical air and ground forces;

(f) Balance between air defense systems and other weapons in tactical organizations.

(4) Develop realistic, short term (5 years) assessment of US and Soviet production base in war-pacing items to determine:

(a) Impact of constrained production base on sustainability.

(b) Impact of production constraint on modernization effort.

(c) Ability of "hot" Soviet production base to --

1. Provide rapid product improvements to existing equipment.

2. Provide rapid production in case of revolutionary, technical breakthrough.

(5) Assess the US force requirement for a NATO conflict based on available realistic projections of the non-NATO allies capabilities.

h. Sustainability. Planning guidance is based on a specific number of days-of-war duration and a comparability with opponent sustainability. This guidance has been largely arbitrary because of the lack of comprehensive assessment of opponent sustainability and the inadequacy of current methods to determine requirements for sufficiency in sustainability.

(1) Assess all dimensions of the sustainability of potential opponents, as well as Allies in the conduct of a prolonged war in terms consistent with assessments of our own sustainability.

(2) Define appropriate criteria and conditions for successful sustainability, including acceptable personnel and equipment losses, termination conditions, scenarios, constraints, and trade offs.

(3) Develop improved methods for determining the preferred balance among resources contributing to sustainability, including production base capacity and responsiveness, inventories and force structure.

i. Coalition Warfare. The NATO force has developed over the years as a collection of national forces with different logistics, weapons, C3 systems, and doctrines. It has become apparent that this is not only uneconomical but also military unwise. There is a vital need to improve the interoperability and the efficiency of various NATO systems, particularly logistics, intelligence, and C3 systems.

(1) Develop necessary doctrine for integrated C3I (US with NATO Allies, both pre and post-hostility) with emphasis on ADP compatibility, intelligence interchange, air defense, secure voice communications, and ECCM.

(2) Develop and evaluate concepts for integrated NATO support structures and the control of logistics.

(3) Determine means of increasing interoperability of weapons systems and standardization of ammunition among NATO forces.

(4) Develop concepts and procedures necessary to facilitate transfer of critical materiel between NATO nations in time of war.

(5) Define necessary doctrine, concepts and procedures for coalition warfare in non-NATO environments.

j. Threat Assessment. The planning of forces and combat depends critically on comprehensive and detailed threat assessments. We require prediction not only of enemy capability, but likely enemy responses to our own developments. Furthermore, these threat assessments must be in terms and under assumptions consistent with assessments of our own and allied capabilities. Such requirements pose difficulties that current methods of threat assessment are unable to handle.

(1) Develop improved methods for defining and evaluating actual, projected and reactive threats, including forces, tactics and doctrine, as well as weapons developments. Determine means of assuring that threat assessments will be consistent with US and allied force assessments in terms suitable for use in quantitative analysis and supportive of "Design to Threat" efforts in the materiel acquisition process.

(2) Develop a realistic range of scenarios and threat options, together with detailed assessments of threat capabilities in these various options, in order to better support Army force planning and combat developments.

k. Support to the Forces in the Field (Logistics/Health Services/Engineer). Support requirements have increased with the sophistication of equipment and the planned intensity of combat operations. We must assure that our logistics system continues to be oriented toward wartime operations to ensure its speedy transition in times of crisis. Realistic readiness standards, as well as reliable reporting, are vital.

(1) Determine the logistics capability required to support projected forces in the field.

(2) Assess projected performance of logistics support systems in intense continuous combat; determine preferred methods for replacing losses/restoring effectiveness.

(3) Develop and assess alternatives for redistribution of CONUS-based equipment from deploying NATO-committed forces in accordance with force packaging methodology.

(4) Determine proper mix of resources and readiness requirements between the Army in the field and the wholesale system.

(5) Assess the ability of Army's logistic system to transition rapidly to a war footing and provide necessary support to theater forces.

l. Training the Force. With the application of better measurement tools such as the ARTEP and SQT, training deficiencies

of both units and individuals should come into clearer focus for correction. One revealed deficiency is operator skill levels below weapon system capabilities; this becomes especially critical as both the number of new systems and their design sophistication increases with the acceleration of force modernization. As probable warning time decreases, initial force effectiveness becomes especially critical; analysis of the adequacy of mobilization training plans and the training base to support such training must be given priority.

(1) Assess the impact on active and Reserve Component individual and collective training of the withdrawal/diversion of equipment to increase POMCUS and war reserve stockage levels.

(2) Develop training models that will complement force packaging methodology with particular emphasis on training readiness of early deploying Reserve Component forces - both units and individuals.

(3) Using refined casualty loss rate data, determine the mobilization training requirements by four digit MOS for an adequate replacement system.

(4) Determine the point of diminishing system effectiveness for high cost, increased sophistication weapon systems in the context of operator/crew trainability; determine the probable costs in training time and equipment availability rates for proposed weapon system acquisition.

(5) Analyze the varying forms of Reserve Component affiliation and the feasibility/impact of each on Reserve Component unit training readiness; include Reserve Component unit participation in REFORGER-like exercises.

(6) Reexamine the Army structure for training management and replacement operations under mobilization.

(7) Determine the relationship between readiness and total training system resource requirements (time, equipment, materiel, facilities, manpower and funds). Assess the impact of reductions in the Army training base.

(8) Determine the functional relationship between training requirements within the Total Army individual and collective training system, and combat effectiveness. Based on the outcome determine the resources to conduct that training and maintain training readiness.

m. Quality of Life. The Army Quality of Life Program is a collective body of policies, programs, and actions, both

resource dependent and resource independent, by which the Army provides for the needs of soldiers and their families in order to foster their commitment to service and readiness to fulfill military requirements. In the past, initiatives which have been undertaken toward improving the quality of life have been handicapped in the competition for limited resources because the force benefits derived from these initiatives have not been quantified. The justifications for these initiatives need to be strengthened so they can effectively compete for resources against modernization, strategic deployment and other critical issues.

(1) Analyze military life to identify those factors which foster the soldier's commitment to service and his readiness to fulfill military requirements; develop a methodology for correlating resultant factors with Army programs and resources designed to enhance commitment to service and readiness.

(2) Develop methodologies to measure the beneficial or adverse impact (to readiness, morale, discipline, retention, accessions, attrition, etc.) which will result if a planned increment or decrement to a Quality of Life Program (i.e., financial, health care, housing, education, services, community life activities, assignment policy) is implemented.

CHAPTER 2

FY81 STUDY PROGRAM BY MAJOR DOD STUDY CATEGORIES

1. This chapter contains alphabetical listings of programmed FY81 studies, and the sponsoring agency or command, within each of eight study categories established by DODD 5010.22. Asterisks denote new studies which are being initiated during FY81. All other studies are ongoing from prior years.

2. The method column refers to the type of performance for the conduct of the study: in-house, contract, or both (which includes in-house and contract efforts).

3. The eight study categories are indicated below:

Category 1 (Manpower and Personnel Studies). Evaluation of the manpower requirements and costs of forces and programs and application of effective methods and policies for the recruitment, selection, testing, classification, training, allocation, assignment, compensation, grade control, career management, sustaining, and separating of personnel.

Category 2 (Concepts and Plans Studies). Evaluation of concepts, policies, techniques, methods, and systems in terms of their costs and effectiveness to determine preferred employments of the several forces and development of programs, postures, and strategies which optimize the attainment of US objectives in potential or actual conflict.

Category 3 (Operations and Force Structure Studies). Determination of preferred mixes of combined forces to meet existing and potential threats to US security; establishment of quantitative requirements for weapon systems or other military materiel or the comparison of the effectiveness and costs of alternatively constituted and equipped forces; and the development and application of techniques to study military operations and tactics and describe or evaluate the results of combat engagements.

Category 4 (Installations and Logistics Studies). Determination and application of improved methods for effective and efficient operation of all logistics activities of the DOD, including procurement, production, supply, installations, military construction, real property, facilities, housing maintenance, transportation, distribution, support, international logistics, and related logistics services.

Category 5 (Science, Technology, Systems, and Equipment). Evaluation of technical concepts, systems, subsystems, and components to compare their cost benefits and effectiveness in

relation to competing concepts, systems, subsystems, and components and the determination of alternative R&D programs and the selection of programs that yield the greatest return from expenditure for R&D. Includes the development of mission envelopes for individual systems and equipment and the analysis of test approaches for individual systems and equipment.

Category 6 (Management). Evaluation of organizational structure, administrative policies, procedures, methods, systems, and distribution of functions and the applications of the management sciences which will achieve more efficient and economical operation and elimination of unnecessary overlap or duplication of effort.

Category 7 (Intelligence). Estimation of foreign force capabilities; projection and estimation of foreign force levels and performance as a basis for combination in the formulation of specific threats to the security of the United States and its forces; analysis and comparison of intelligence systems and the relative capabilities of the United States and foreign forces in a net assessment; improvement of the collection and analysis of data on foreign forces; and the quality and management of intelligence.

Category 8 (International Security). Evaluation of present and alternative Defense policies, concepts, and positions related to the identification and attainment of national security objectives. Subject matter includes determination of the impact of international, political, military, and economic affairs on currently approved and planned strategies and programs; also studies and analyses on arms control and disarmament, alliances, foreign military facilities and operating rights, status of forces, National Security Council Affairs, and security assistance matters; evaluation of the status of competition between the United States and foreign adversaries in producing, maintaining, and operating military forces, and studies aimed at characterizing key military balances.

**CATEGORY 1: MANPOWER AND PERSONNEL
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| ACQUISITION WORKLOAD PROJECTION MODEL | DARCOM | IN-HOUSE | |
| AH-1 WEAPONS TRAINING CTEA | TRADOC | IN-HOUSE | |
| AH-64 MISSION SIMULATOR CTEA | TRADOC | IN-HOUSE | |
| AIR GROUND ENGAGEMENT SIMULATION SYSTEM CTEA | TRADOC | IN-HOUSE | |
| AIRCRAFT SURVIVABILITY EQUIPMENT CTEA | TRADOC | IN-HOUSE | |
| ANALYTICAL SURVEY OF PERSONNEL REPLACEMENT SYSTEM | TRADOC | CONTRACT | |
| *ARMY MOTOR VEHICLE ACCIDENT REDUCTION/ PREVENTION | DCSPER | IN-HOUSE | |
| ARRCOM MICRO MODELS | DARCOM | IN-HOUSE | |
| *ASSESSING DENTAL NEEDS OF ARMY RECRUITS | HSC | IN-HOUSE | |
| *ASSESSMENT OF ADVANCED FUNCTIONALLY BASED SKILL TRAINING | TAGC | CONTRACT | |
| *ASSOCIATION BETWEEN SQI AND EXTERNAL JOB PERFORMANCE INDICATORS | TRADOC | BOTH | |
| AVIATION TRAINING THROUGH THE 1980'S TRAINING EFFECTIVENESS ANALYSIS (TEA) | TRADOC | IN-HOUSE | |
| BONUS LEVELS REQUIRED TO RESULT IN ENLISTMENTS | DCSPER | IN-HOUSE | PPA |
| *BRIDGING, 1985 AND BEYOND (CTEA) | TRADOC | IN-HOUSE | |
| CASUALTY ESTIMATION STUDY (CES) | DCSOPS | BOTH | |
| *CHAPLAIN MINISTRY TO MILITARY PERSONNEL OF KOREAN-AMERICAN MARRIAGES | CCH | CONTRACT | |
| CHAPLAIN SUPPORT GROUP IN THE MANEUVER BATTALION | TRADOC | IN-HOUSE | |
| *CIVILIAN INITIATIVES IN ARMY QUALITY OF LIFE PROGRAM (PHASE 1) | TAGC | IN-HOUSE | |
| *COORDINATION OF EDUCATIONAL ACTIVITIES PERFORMED BY FEDERAL AGENCIES | TAGC | CONTRACT | |

**CATEGORY 1: MANPOWER AND PERSONNEL
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| CORADCOM BASELINE STUDY | DARCOM | IN-HOUSE | |
| DEFINITION OF IMPROVED HAWK SOFTWARE REQUIREMENTS | TRADOC | IN-HOUSE | |
| *DEMOGRAPHIC CHANGE IN AMERICA AND ITS EFFECTS ON THE ARMY IN THE 1980'S | DCSPER | CONTRACT | |
| DETERMINE METHOD FOR CONVERTING CASUALTY RATES TO FORECAST POPULATION CELL LOSS RATES | DCSPER | CONTRACT | PPA |
| *DETERMINE METHOD FOR CONVERTING MOBILIZATION MANPOWER SHOW RATES TO FORECAST POPULATION GAIN RATES | DCSPER | IN-HOUSE | PPA |
| DEVELOPMENT OF A MANPOWER TRADE-OFF METHODOLOGY | DCSPER | IN-HOUSE | |
| DEVELOPMENT OF MANUAL FOR POSITION CLASSIFIERS | DCSPER | CONTRACT | |
| DEVELOPMENT OF MATHEMATICAL MODELS FOR PROCESSING ASSIGNMENT REQUIREMENTS | DCSPER | CONTRACT | |
| DEVELOPMENT OF MEDICAL MANPOWER AUTHORIZATION ON CRITERIA (MACRIT) PLANNING FACTORS | HSC | IN-HOUSE | |
| DIVISION AIR DEFENSE (DIVAD) GUN (CTEA) | TRADOC | BOTH | |
| EVALUATION OF QUANTITATIVE PROCEDURES FOR POSITION IDENTITY DEFINITION | DCSPER | CONTRACT | |
| *EVALUATION OF THE ARMY MERIT PAY SYSTEM | DCSPER | BOTH | |
| EVALUATION OF THE MILITARY JUSTICE AND DISCHARGE SYSTEMS | DCSPER | CONTRACT | |
| *FACTORS AFFECTING AVAILABILITY OF RESERVE PERSONNEL | DCSPER | IN-HOUSE | PPA |
| FACTORS AFFECTING VARIATION IN RECRUITING PRODUCTIVITY | DCSPER | IN-HOUSE | PPA |
| FAMILY OF POWER CONDITIONERS CTEA | TRADOC | IN-HOUSE | |
| *FEDERAL EMPLOYEE COMPENSATION | DCSPER | IN-HOUSE | |

**CATEGORY 1: MANPOWER AND PERSONNEL
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| FIELD ARTILLERY METEOROLOGICAL ACQUISITION SYSTEM CTEA | TRADOC | IN-HOUSE | |
| FULL TIME SUPPORT (FTS) TO THE RESERVE COMPONENTS (RC FTS) | FORSCUM | IN-HOUSE | |
| GROUND RADAR EMITTER FOR TRAINING AVIATORS | TRADOC | IN-HOUSE | |
| *HEAT STRESS IN A CB ENVIRONMENT | TRADOC | IN-HOUSE | |
| *HUMAN DIMENSION IN BATTLE | TRADOC | BOTH | |
| *IMPACT OF AN OPTIONAL BAQ AND BAS POLICY FOR E-5/E-6 SOLDIERS | DCSPER | IN-HOUSE | |
| IMPACT OF ENLISTMENT CRITERIA ON ACHIEVEMENT OF RECRUITING GOALS | DCSPER | IN-HOUSE | PPA |
| IMPROVED HAWK INITIAL SCREENING TRAINING EFFECTIVENESS ANALYSIS (ISTEA)/TRAINING SUBSYSTEM EFFECTIVENESS ANALYSIS (TSEA) | TRADOC | IN-HOUSE | |
| INCREASING USMA ENROLLMENT OF WELL-QUALIFIED BLACK MEN AND WOMEN | USMA | CONTRACT | |
| INTEGRATION OF HUMAN RESOURCES MANAGEMENT | DCSPER | IN-HOUSE | |
| INTEGRATION OF LOWER LEVEL SUPERVISORS INTO THE MANAGEMENT STRUCTURE | DCSPER | CONTRACT | PPA |
| MANPOWER REQUIREMENTS DETERMINATION PROCEDURES AND ORGANIZATIONS | DCSPER | CONTRACT | |
| MILITARY OPTIONS EVALUATION OF CIVILIAN MALES | DCSPER | CONTRACT | |
| MOBILIZATION MANPOWER POLICY ANALYSIS STUDY (MMPAS) | DCSPER | IN-HOUSE | |
| MUS 71 SUPPORT IN TACTICAL ORGANIZATIONS | TRADOC | IN-HOUSE | |
| MULTIPLE LAUNCH ROCKET SYSTEM CTEA | TRADOC | IN-HOUSE | |
| M180 CRATERING DEVICE COST TRAINING EFFECTIVENESS ANALYSIS (CTEA) | TRADOC | BOTH | |
| NATIONAL CAPITAL REGION BASELINE STUDY | COE | IN-HOUSE | |

CATEGORY 1: MANPOWER AND PERSONNEL
FY81 STUDIES BY CATEGORY

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| NURSING CARE HOUR STANDARDS (PART I) | HSC | IN-HOUSE | |
| *NURSING CARE HOUR STANDARDS (PART II) | HSC | IN-HOUSE | |
| OPERATIONAL DEMOGRAPHIC ANALYSIS | USAREC | CONTRACT | |
| *OPTIMIZE SELECTION PROCESS FOR SELECTIVE REENLISTMENT BONUS (SRB) | DCSPER | IN-HOUSE | |
| OPTIMUM STAFF TO SUPPORT PHYSICIANS IN AN OUTPATIENT CLINIC | HSC | IN-HOUSE | |
| *ORGANIZATIONAL CONDITIONS WHICH OPTIMIZE LEADERSHIP AND TECHNICAL SKILLS OF ARMY PERSONNEL | DCSPER | CONTRACT | |
| PATRIOT CTEA | TRADOC | IN-HOUSE | |
| PERFORMANCE FACTORS FOR STAFFING ARMY SERVICE SCHOOL AND TRAINING CENTERS | TRADOC | IN-HOUSE | |
| PERSONNEL MANAGEMENT STUDY | TRADOC | IN-HOUSE | |
| PERSONNEL REPLACEMENT SYSTEM DEGRADATION VULNERABILITY ASSESSMENT | DCSPER | IN-HOUSE | PPA |
| QUALITY OF LIFE INITIATIVES IMPACTING ON COMMITMENT/READINESS | TAGC | IN-HOUSE | PPA |
| *QUALITY OF LIFE INITIATIVES IMPACTING ON SOLDIER COMMITMENT TO SERVICE (PHASE I) | TAGC | CONTRACT | |
| RECRUITMENT, RETENTION, MOBILIZATION, AND TRAINING OF THE WOMAN CHAPLAIN | CCH | CONTRACT | |
| RELATIONSHIP OF BONUSES AND LENGTH OF ENLISTMENT | DCSPER | IN-HOUSE | PPA |
| *RELATIONSHIP OF RECRUITING RESOURCES AND ENVIRONMENT ON ARMY RECRUITING | DCSPER | CONTRACT | |
| RELIGIOUS SUPPORT GROUP IN TACTICAL ORGANIZATIONS | TRADOC | IN-HOUSE | |
| REMOTELY MONITORED BATTLEFIELD SENSOR SYSTEM (CTEA) | TRADOC | BOTH | |

**CATEGORY 1: MANPOWER AND PERSONNEL
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| *REORGANIZATION OF SAFETY AND OCCUPATIONAL HEALTH PROGRAMS TO MEET COMPLIANCE REQUIREMENT OF ESSENTIAL PROGRAM ELEMENTS | DCSPER | IN-HOUSE | |
| REPLACEMENT SYSTEM - 1986 | TRADOC | IN-HOUSE | |
| *RESERVE COMPONENT INITIATIVES FOR ARMY QUALITY OF LIFE PROGRAM (PHASE 1) | TAGC | IN-HOUSE | |
| RULE OF THE CHAPLAIN IN MINISTRY RELATED TO PSYCHOGENIC DISEASES | CCH | CONTRACT | |
| SEA SUPPORT FOR LATC | DARCOM | IN-HOUSE | |
| SELF PACING FLIGHT TRAINING PROGRAMS | TRADOC | IN-HOUSE | |
| *STANDARDS FOR CONTRACT MILITARY POLICE SERVICES | DCSPER | CONTRACT | |
| *STINGER INITIAL SCREENING TRAINING EFFECTIVENESS ANALYSIS (ISTEA) | TRADOC | BOTH | |
| TACTICAL COMMAND READINESS PROGRAM | DCSOPS | CONTRACT | |
| TARGET ACQUISITION/DESIGNATION AERIAL RECON SYSTEM CTEA | TRADOC | IN-HOUSE | |
| THE CHAPLAINS MINISTRY DURING MOBILIZATION | TRADOC | IN-HOUSE | |
| *TOTAL MANPOWER REQUIREMENTS DOCUMENTATION | DCSPER | IN-HOUSE | |
| *TOTAL TRAFFIC FLOW | DCSPER | CONTRACT | |
| *TSQ-75 TRAINING SUBSYSTEM EFFECTIVENESS ANALYSIS (TSEA) | TRADOC | IN-HOUSE | |
| UH-60 FLIGHT SIMULATOR (CTEA) | TRADOC | IN-HOUSE | |
| *UPGRADE PRESENT DATA REDUCTION TECHNIQUES AND EQUIPMENT | DCSPER | IN-HOUSE | |
| *VALIDATION OF QOL MINIMUM STANDARDS | DCSPER | IN-HOUSE | |
| VARIABLE COST TO ORDER | DARCOM | IN-HOUSE | |
| VARIOUS AERIAL GUNNERY TRAINING | TRADOC | IN-HOUSE | |

**CATEGORY 1: MANPOWER AND PERSONNEL
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSUR METHOD</u> | <u>PPA</u> |
|--|-----------------------|------------|
| VIPER (CTEA) | TRADOC | IN-HOUSE |
| WEAPON SYSTEM REPLACEMENT OPERATIONS | TRADOC | IN-HOUSE |
| AM-1 DRIVER TRAINER TRAINING DEVELOPMENT STUDY | TRADOC | IN-HOUSE |
| XM-1 TRAINING DEVELOPMENT | TRADOC | IN-HOUSE |
| *XM-1 TURRET ORGANIZATIONAL MAINTENANCE TRAINER (CTEA) | TRADOC | IN-HOUSE |
| XM-1 UNIT CONDUCT OF FIRE TRAINER/ONE STATION UNIT TRAINING | TRADOC | IN-HOUSE |

* BY STUDY TITLE INDICATES NEW STUDIES

**CATEGORY 2: CONCEPTS AND PLANS
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| ADM REMOTE LINK PROG | DARCOM | CONTRACT | |
| ADV TECH MODEL FUZE | DARCOM | CONTRACT | |
| ARMY COMMAND AND CONTROL SYSTEM ARCHITECTURE | DCSOPS | CONTRACT | |
| ARMY COMMAND AND CONTROL SYSTEMS (ACCS) MANAGEMENT PLAN - 1980 | TRADOC | BOTH | PPA |
| ARMY DATA DISTRIBUTION SYSTEM/INTACS UPDATE (ADDS/INTAC UPDATE) | TRADOC | BOTH | |
| ARMY STRATEGIC APPRAISAL - 1984-1991 | DCSOPS | IN-HOUSE | |
| ARMY STRATEGIC APPRAISAL - 1985-1992 | DCSOPS | IN-HOUSE | |
| *ASVAB CASE BOOK | MEPCOM | BOTH | |
| ASVAB TEST RETEST STUDY | MEPCOM | BOTH | |
| *ASVAB UNIVERSITY PACKAGE | MEPCOM | BOTH | |
| AVIATION MATERIEL COMBAT READY IN- COUNTRY (AMCRIC) | DCSLOG | IN-HOUSE | |
| BARRIER PLAN FEASIBILITY AND EFFECTIVENESS | DARCOM | IN-HOUSE | |
| BATTLEFIELD IDENTIFICATION-FRIEND OR FOE | TRADOC | IN-HOUSE | |
| BATTLEFIELD NUCLEAR WARFARE MISSION AREA ANALYSIS | TRADOC | BOTH | |
| *CAT PROTOTYPE EVALUATION | MEPCOM | BOTH | |
| CHEMICAL WARFARE AND NBC DEFENSE PROGRAM MASTER PLAN (CHEM-MAP 90) | DCSOPS | IN-HOUSE | |
| *CIVIL AFFAIRS IN COALITION WARFARE | TRADOC | IN-HOUSE | |
| CORPS MOBILIZATION MISSIONS EXTENSIONS | COE | IN-HOUSE | |
| CORPS OF ENGINEERS MOBILIZATION MISSION | COE | IN-HOUSE | |
| DA MOBILIZATION AND DEPLOYMENT SYSTEM DESCRIPTION | DCSOPS | CONTRACT | |

**CATEGORY 2: CONCEPTS AND PLANS
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| DETERMINE THE ESSENTIAL ELEMENTS OF A NATO BATTLEFIELD INTEGRATED OPERATIONS PLAN (BIDP) | DCSOPS | CONTRACT | PPA |
| *DYNAMIC ANALYSIS OF THE TECHNICAL INTERFACE CONCEPT | TRADOC | BOTH | PPA |
| ESPAWS | DARCOM | CONTRACT | |
| *EUROPEAN MAIN SUPPLY ROUTE (MSR) STUDY | TRADOC | IN-HOUSE | |
| FAMILY OF CHEMICAL BINARY MUNITIONS COEA | TRADOC | IN-HOUSE | |
| FASCAM ASSESSMENT | COE | IN-HOUSE | |
| *FIRE DISTRIBUTION-PHASE I | TRADOC | BOTH | |
| *FORCE STRUCTURE FOR A LONG WAR/TOTAL MOBILIZATION (RETMOB IV) | DCSOPS | IN-HOUSE | |
| HARDENING CORPS COMMAND POSTS | USAREUR | CONTRACT | |
| IMPACT ANALYSIS PROGRAM | DARCOM | CONTRACT | |
| IN-SCHOOL VALIDATION OF ASVAB | MEPCOM | BOTH | |
| INDUSTRIAL VALIDATION | MEPCOM | BOTH | |
| INTACS SYSTEM ARCHITECTURE REFINEMENT TO SUPPORT BAISEMP | TRADOC | IN-HOUSE | |
| INTACS TRANSITION MANAGEMENT PLAN | TRADOC | CONTRACT | |
| INTEGRATED TACTICAL COMMUNICATIONS UPDATE SYSTEM (INTACS UPDATE) | TRADOC | IN-HOUSE | |
| INTERNATIONAL TELECOMMUNICATIONS UNION (ITU) | ACSAC | BOTH | |
| JOINT COUNTER-AIR/AIR DEFENSE | TRADOC | BOTH | |
| JOINT COUNTERING ATTACK HELICOPTER | TRADOC | IN-HOUSE | |
| *NATO LAND FORCES ELECTRONIC WARFARE INTEROPERABILITY, PHASE II | DCSOPS | IN-HOUSE | PPA |
| NATO OPTIONS IN THE EXECUTION OF CURRENT DCSOPS NUCLEAR EMPLOYMENT DOCTRINE | | CONTRACT | PPA |

**CATEGORY 2: CONCEPTS AND PLANS
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| NATO STRATEGIC CONCEPT FOR 1985-2000 | DCSOPS | IN-HOUSE | |
| NBC CARRIER STUDY, SUBSTUDY II: CHEMICAL OPERATIONS | TRADOC | IN-HOUSE | |
| NBC CARRIER STUDY, SUBSTUDY IV: RADIOLOGICAL DEFENSE (RAD DEF) | DCSOPS | CONTRACT | |
| NETWORK SUPPORT REQUIREMENT ANALYSIS PHASE I | ACSAC | BOTH | |
| NUCLEAR, BIOLOGICAL, CHEMICAL MISSION AREA ANALYSIS | TRADOC | BOTH | |
| OPERATIONAL EFFECTIVENESS EVALUATION OF WHEELED COMBAT VEHICLES | DARCOM | BOTH | |
| PEACETIME DEFENSIVE PREPARATIONS | COE | IN-HOUSE | |
| POST SECONDARY VALIDATION OF ASVAB | MEPCOM | BOTH | |
| POST 1985 DGD CONCEPT FOR BATTLEFIELD SPECTRUM MANAGEMENT | TRADOC | BOTH | |
| *PROCEDURES FOR RELEASE AND CONTROL OF US CHEMICAL WEAPONS | DCSOPS | IN-HOUSE | |
| RC-120 SUPPORT OPTIMIZATION | DARCOM | CONTRACT | |
| REQUIREMENTS FOR TOTAL MOBILIZATION (RETMUB) PHASE I-III | DCSOPS | IN-HOUSE | |
| *ROLES AND OPERATIONAL CONCEPTS FOR MODERNIZED NUCLEAR SYSTEMS | DCSOPS | CONTRACT | |
| STRATEGIC LESSONS LEARNED IN VIETNAM | DCSOPS | BOTH | |
| *STRATEGIC REQUIREMENTS FOR THE ARMY IN THE YEAR 2000 | DCSOPS | CONTRACT | |
| *SUSTAINABILITY CRITERIA | DCSOPS | IN-HOUSE | PPA |
| TRAINING CASE MOBILIZATION PLANNING GROUP/WARTIME PRETRAINED MANPOWER | DCSOPS | IN-HOUSE | PPA |
| TRANSITION PLANS FOR THE INTRODUCTION OF NEW ROUNDS OF AMMUNITION | DCSRDA | CONTRACT | |

**CATEGORY 2: CONCEPTS AND PLANS
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR METHOD</u> | <u>PPA</u> |
|--|-----------------------|------------|
| *USAF/ARMY INTERFACE ON THE THEATER NUCLEAR BATTLEFIELD | DCSOPS IN-HOUSE | PPA |
| WARTIME REQUIREMENTS FOR CHEMICAL MUNITIONS | DCSOPS IN-HOUSE | |
| XM-1 PRODUCT IMPROVEMENT PROGRAM (COEA) | TRADOC IN-HOUSE | |
| 225-400 MHZ BAND STUDY FOR FUTURE ARMY SYSTEMS | ACSAC BOTH | |

* BY STUDY TITLE INDICATES NEW STUDIES

**CATEGORY 3: OPERATIONS AND FORCE STRUCTURE
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| ADVANCED ATTACK HELICOPTER COEA UPDATE | TRADOC | BOTH | |
| *ADVANCED OPTICAL SYSTEMS FOR THE FIELD ARTILLERY SUPPORT TEAM | TRADOC | BOTH | |
| AIR TRANSPORTABLE PROTECTED ANTI-ARMOR ASSAULT CAPABLE SYSTEM (APAS) | TRADOC | BOTH | |
| AN/TSQ-73 COMMAND AND CONTROL FIRING DOCTRINE STUDY | TRADOC | IN-HOUSE | |
| ANALYSIS OF ARMY EXERCISES | DCSOPS | CONTRACT | PPA |
| ANALYSIS OF ASSUMPTIONS BEHIND ARMY FORCE PLANNING | DCSOPS | IN-HOUSE | |
| ANTI-TACTICAL BALLISTIC MISSILE (ATBM) | DCSOPS | CONTRACT | |
| ARMY AIR DEFENSE COMMAND, CONTROL AND COMMUNICATIONS STUDY-ECHELONS ABOVE DIVISION (EAD) | TRADOC | BOTH | |
| ARMY AVIATION MISSION AREA ANALYSIS | TRADOC | BOTH | |
| ARMY FORCE PLANNING DATA AND ASSUMPTIONS FY 1981-1990 (AFPDA FY 81-90) | DCSOPS | IN-HOUSE | |
| *ARMY FORCE PLANNING DATA AND ASSUMPTIONS FY 1982-1991 (AFPDA FY 82-91) | DCSOPS | IN-HOUSE | |
| ARMY MOBILIZATION BASE REQUIREMENTS MODEL (MOBREM) | DCSOPS | BOTH | PPA |
| ARMY MODEL IMPROVEMENT PROGRAM | TRADOC | BOTH | |
| ARMY WARTIME ASSET DISTRIBUTION GUIDANCE STUDY | DCSOPS | IN-HOUSE | |
| AVIATION REQUIREMENTS FOR THE COMBAT STRUCTURE OF THE ARMY IV | TRADOC | IN-HOUSE | |
| CEM CALIBRATION PROJECT | CAA | IN-HOUSE | |
| CEM GROUP | CAA | BOTH | |
| CFC ENGINEER ASSESSMENT | COE | IN-HOUSE | |
| CHEMICAL WARHEAD FEASIBILITY STUDY | DCSOPS | CONTRACT | |
| COMBAT SAMPLE GENERATOR ENHANCEMENT | CAA | BOTH | |

**CATEGORY 3: OPERATIONS AND FORCE STRUCTURE
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| COMBAT TO SUPPORT BALANCE STUDY | DCSOPS | IN-HOUSE | PPA |
| *COMMAND AND CONTROL MISSION AREA ANALYSIS | TRADOC | BOTH | |
| COMMAND POST COUNTERSURVEILLANCE STUDY | TRADOC | IN-HOUSE | |
| *COMMAND SYSTEMS FORCE MIX INTEGRATION ABOVE CORPS RESEARCH ANALYSIS (COSFORMICRA) | CAA | CONTRACT | |
| COMMUNICATIONS ELECTRONICS OPERATING INSTRUCTIONS FOR CORPS AND BELOW (CEUICB) - POST 1985 | TRADOC | IN-HOUSE | |
| CONTINGENCY PLANNING METHODOLOGY SUPPORT | DCSOPS | CONTRACT | |
| CORPS SUPPORT WEAPON SYSTEM COEA | TRADOC | IN-HOUSE | |
| CORPS 86 | TRADOC | BOTH | PPA |
| DEFINITION OF TACTICAL SOFTWARE SYSTEM FOR DIVAD | TRADOC | IN-HOUSE | |
| DEFINITION OF TACTICAL SOFTWARE REQUIREMENTS FOR PATRIOT | TRADOC | IN-HOUSE | |
| DEFINITIONS OF TACTICAL SOFTWARE REQUIREMENTS FOR RULAND | TRADOC | IN-HOUSE | |
| DEPENDENCE ON RESERVE COMPONENT READINESS | DCSOPS | IN-HOUSE | |
| *DEVELOP/REFINE COMPUTER MODELS REQUIRED FOR DEVELOPMENT OF OPERATIONAL DOCTRINE TO INCLUDE INTEGRATED (NUCLEAR, CHEMICAL AND CONVENTIONAL) FIREPLAN | DCSOPS | CONTRACT | |
| DIVISION AIR DEFENSE (DIVAD) GUN (COEA) | TRADOC | IN-HOUSE | |
| DIVISION AIR DEFENSE COMMAND AND CONTROL | TRADOC | BOTH | |
| DIVISION ELECTRONIC WARFARE COMBAT MODEL | CAA | BOTH | |
| DIVISION 1986 STUDY (DIV 86) | TRADOC | BOTH | PPA |
| ECHELONS ABOVE CORPS (PHASE II) | TRADOC | IN-HOUSE | |

**CATEGORY 3: OPERATIONS AND FORCE STRUCTURE
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| ENGINEER MISSION AREA ANALYSIS-NUCLEAR ADDENDUM | TRADOC | IN-HOUSE | |
| ENHANCED SELF-PROPELLED ARTILLERY WEAPON SYSTEM COEA | TRADOC | IN-HOUSE | |
| *EVALUATION OF HIMAD FORCE SURVIVABILITY AND SUSTAINABILITY | TRADOC | BOTH | |
| *FIELD ARTILLERY METEOROLOGICAL ACQUISITION SYSTEM COEA | TRADOC | IN-HOUSE | |
| FIELD ARTILLERY ORGANIZATION AND SYSTEM REQUIREMENTS 1990-2000 MISSION AREA ANALYSIS (MAA) | TRADOC | IN-HOUSE | |
| FIRE SUPPORT MISSION AREA ANALYSIS (FSMAA) | TRADOC | BOTH | |
| FORCE ELECTRONIC WARFARE TACTICAL SIGINT (FEWTS) | TRADOC | IN-HOUSE | |
| FORCE ELECTRONIC WARFARE/TACTICAL SIGINT STUDY | DCSOPS | IN-HOUSE | |
| FORCEM DEVELOPMENT | CAA | BOTH | |
| FORWARD OF THE FEBE WEAPON SYSTEM - COST AND BENEFIT STUDY | CAA | CONTRACT | |
| HEAVY DIVISION 90 (DIVISION 86) | TRADOC | BOTH | |
| HELLFIRE COEA UPDATE | TRADOC | IN-HOUSE | |
| *HISTORICAL RESEARCH ON COMBAT SUSTAINABILITY | DCSOPS | CONTRACT | PPA |
| IMPACT OF ARMY AIR DEFENSE FIRING DOCTRINE ON AMMUNITION REQUIREMENTS | TRADOC | BOTH | |
| IMPROVING THE DEFINITION OF THE OBJECTIVE FORCE FOLLOW-ON (IDOFUR) | DCSOPS | IN-HOUSE | PPA |
| *INTEGRATED BATTLEFIELD ISSUES | TRADOC | BOTH | |
| JOINT SECOND ECHELON INTERDICTION STUDY | TRADOC | BOTH | |
| *JOINT USA/USAF SAM/INTERCEPTOR MIX | CAA | CONTRACT | |

**CATEGORY 3: OPERATIONS AND FORCE STRUCTURE
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR METHOD</u> | <u>PPA</u> |
|---|-----------------------|--------------|
| JSPD ANALYSIS - 1980 | DCSOPS | IN-HOUSE |
| JSPD ANALYSIS - 1981 | DCSOPS | IN-HOUSE |
| *LAND FORCE PLANNING ESTIMATE FOR REENTRY IN KOREA | DCSOPS | IN-HOUSE |
| *LAND FORCE PLANNING ESTIMATE FOR THE DEFENSE OF NORWAY | DCSOPS | IN-HOUSE |
| LETHAL ATTACK ON EMITTERS | TRADOC | IN-HOUSE |
| LIGHT DIVISION 86 | TRADOC | BOTH |
| *METHODOLOGY FOR BALANCING RESOURCES FOR ENHANCED SUSTAINABILITY | DCSOPS | IN-HOUSE PPA |
| *METHODOLOGY IMPROVEMENT | CAA | IN-HOUSE |
| MILITARY POLICE SUPPORT STUDY | TRADOC | IN-HOUSE |
| MODEL/METHODOLOGY IMPROVEMENT, CONVERSION, AND DEVELOPMENT | CAA | IN-HOUSE |
| NATO AMMUNITION REQUIREMENTS STUDY PHASE I FY 86 | DCSOPS | IN-HOUSE |
| NATO CHEMICAL WARFARE POLICY | DCSOPS | BOTH |
| NONNUCLEAR AMMUNITION COMBAT RATES, DISTRIBUTION (EUROPE) FY84 (AMMO D-84E) | DCSOPS | IN-HOUSE |
| *NUCLEAR BURST DETECTION SYSTEM COEA | TRADOC | IN-HOUSE |
| NUCLEAR OPERATIONS SECURITY IN USAREUR | DCSOPS | IN-HOUSE |
| OMNIBUS CAPABILITY STUDY - 81 | DCSOPS | IN-HOUSE PPA |
| OMNIBUS CAPABILITY STUDY - 82 | DCSOPS | IN-HOUSE |
| *PARAMETRIC FORCE ANALYSIS | DCSOPS | IN-HOUSE |
| *PARAMETRIC FORCE ANALYSIS METHODOLOGY DEVELOPMENT | DCSOPS | CONTRACT |
| PATRIOT ARMY AIR DEFENSE SYSTEMS ACQUISITION REVIEW COUNCIL (COEA) | TRADOC | IN-HOUSE |
| PERSHING 11 COEA UPDATE | TRADOC | IN-HOUSE |

**CATEGORY 3: OPERATIONS AND FORCE STRUCTURE
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| PRE-PRODUCTION TEST AND EVALUATION OF DEWCOM | CAA | IN-HOUSE | |
| PREDICTION OF CASUALTY AND MEDICAL WORKLOADS | DARCOM | IN-HOUSE | |
| *PRELIMINARY DESIGN AND ORGANIZATION OF AN ARTILLERY TARGET INTEGRATION CENTER | TRADOC | BOTH | |
| PROTOTYPE ARMY LONG RANGE APPRAISAL | DCSOPS | IN-HOUSE | |
| RANGE BANDS OF ENGAGEMENT | TRADOC | IN-HOUSE | |
| *RDF AIR DEFENSE REQUIREMENTS STUDY | DCSOPS | IN-HOUSE | |
| *RESOURCED CONSTRAINED PROCUREMENT OBJECTIVES FOR MUNITIONS | DCSOPS | CONTRACT | |
| RESPONSIVE COST METHODOLOGY DEVELOPMENT | TRADOC | IN-HOUSE | |
| *RIM CONVESSION | DCSOPS | IN-HOUSE | |
| SELF-DEPLOYABILITY OF ARMY AIRCRAFT | TRADOC | IN-HOUSE | |
| STRUCTURING THE DIVISION FOR CONTINUOUS OPERATIONS | TRADOC | IN-HOUSE | |
| SUSTAINABLE LOSS RATES | DCSOPS | BOTH | PPA |
| TACFIRE SIMULATOR DEVELOPMENT | TRADOC | IN-HOUSE | |
| TACTICAL OPERATIONS SYSTEM (TOS) AT LURPS AND SUBORDINATE ECHELONS (CASE) REQUIREMENTS DEFINITION | TRADOC | CONTRACT | PPA |
| TACTICAL WHEELED VEHICLE ZERO BASED STUDY | DCSOPS | IN-HOUSE | |
| TECHNICAL INTERFACE CONCEPT (TIC) ON THE CORPS BATTLEFIELD | TRADOC | IN-HOUSE | |
| TERMINALLY GUIDED SUBMISSILE COEA | TRADOC | IN-HOUSE | |
| THEATER INTEGRATED WARFARE SCENARIO STUDY | DCSOPS | IN-HOUSE | |
| *THREAT AMMUNITION LOGISTICS CAPABILITIES | TRADOC | IN-HOUSE | |
| TOTAL ARMY ANALYSIS - 1987 (TAA-87) | DCSOPS | IN-HOUSE | PPA |

**CATEGORY 3: OPERATIONS AND FORCE STRUCTURE
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR METHOD</u> | <u>PPA</u> |
|--|-----------------------|--------------|
| TOTAL ARMY ANALYSIS - 1988 (TAA-88) | DCSOPS | IN-HOUSE |
| TOTAL ARMY REQUIREMENTS PROGRAM (TARP) | DCSOPS | IN-HOUSE |
| TRAINING FOR RECONSTITUTION | DCSOPS | CONTRACT PPA |
| *VULNERABILITY OF THE AN/TIC-39 AND AN/TYC-39 | TRADOC | IN-HOUSE |
| WARTIME REQUIREMENT FOR AMMUNITION AND MATERIEL (KOREA) FY87 (AMMO P-87K/ WARE 87K) | DCSOPS | IN-HOUSE |
| *WARTIME REQUIREMENT FOR AMMUNITION AND MATERIEL (KOREA) FY88 (AMMO P-88K/ WARE 88K) | DCSOPS | IN-HOUSE |
| *WARTIME REQUIREMENTS FOR AMMUNITION AND MATERIEL (EUROPE) FY87 (AMMO P-87E/ WARE 87E) | DCSOPS | IN-HOUSE |
| WARTIME REQUIREMENTS FOR AMMUNITION AND MATERIEL FY86 (AMMO P-86/WARE-86) | DCSOPS | IN-HOUSE |
| WARTIME REQUIREMENTS FOR AMMUNITION, MATERIEL, AND PERSONNEL (WARRAMP) - DOCUMENTATION | CAA | IN-HOUSE |
| WARTIME REQUIREMENTS FOR AMMUNITION, MATERIEL AND PERSONNEL (WARRAMP) PHASE V | CAA | IN-HOUSE |
| WARTIME REQUIREMENTS FOR AMMUNITION, MATERIEL, AND PERSONNEL (WARRAMP), PHASE VI | CAA | IN-HOUSE |
| WARTIME REQUIREMENTS FOR EUROPE FY88 | DCSOPS | IN-HOUSE |
| WEAPONS LOCATING RADARS USER'S ASSESSMENT | TRADOC | IN-HOUSE |

* BY STUDY TITLE INDICATES NEW STUDIES

**CATEGORY 4: INSTALLATIONS AND LOGISTICS
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| ACQUISITION MANAGEMENT GUIDE FOR TECHNICAL PERSONNEL (APRO 901) | DARCOM | IN-HOUSE | |
| ACQUISITION STRATEGY DEVELOPMENT | DARCOM | IN-HOUSE | |
| *ADEQUACY OF REPAIR CAPABILITIES DURING WARTIME ENVIRONMENT | DARCOM | BOTH | |
| ADVERTISING CONTRACTING | DARCOM | IN-HOUSE | |
| ANALYSIS OF CONTROL SYSTEMS FOR MAJOR AND SECONDARY ITEMS | DARCOM | IN-HOUSE | |
| *ANALYSIS OF DISTRIBUTION SYSTEM FROM DEPOT TO PORT OF DEBARKATION | DCSLOG | IN-HOUSE | |
| ANALYSIS OF MATERIEL MANAGEMENT | DARCOM | IN-HOUSE | |
| ANALYSIS OF SIMULATED DEPLOYMENT OF THE 2ND ARMORED DIVISION TO EUROPE | MTMC | IN-HOUSE | |
| APPLICATION OF QUANTITY DISCOUNTS IN ARMY PROCUREMENTS (APRO 706) | DARCOM | IN-HOUSE | |
| *ARMY AND CUSTOMER TOTAL PRODUCTION REQUIREMENTS AND PRIORITY DISTRIBUTION FOR MAJOR ITEMS, COST ANALYSIS, PHASE II | DARCOM | IN-HOUSE | |
| ARMY TIRE PROGRAM MANAGEMENT SYSTEM | DARCOM | IN-HOUSE | |
| ASSESSMENT OF ARMY'S USE OF CONTRACTOR POST PERFORMANCE ON SOURCE SELECTION DECISIONS (APRO 80-53) | DARCOM | IN-HOUSE | |
| AVERAGE USEFUL LIFE OF MAJOR PAYLOAD VEHICLES | DCSLOG | IN-HOUSE | |
| AVIATION INTERMEDIATE MAINTENANCE | TRADOC | IN-HOUSE | |
| AWARD FEE INFLUENCE ON LTJPL | DARCOM | IN-HOUSE | |
| BASE REALIGNMENT STUDY | COE | IN-HOUSE | |
| BATTLEFIELD RECOVERY AND EVALUATION CAPABILITIES | TRADOC | IN-HOUSE | |
| *BRIDGE ERECTION BOAT, 27 FOOT | DARCOM | CONTRACT | |
| CERCOM LOGISTICS/LIFE CYCLE COST MODEL | DARCOM | IN-HOUSE | |

**CATEGORY 4: INSTALLATIONS AND LOGISTICS
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| *CFC LOC ANALYSIS | COE | IN-HOUSE | |
| *COLLAPSIBLE FUEL TANKS | DARCOM | CONTRACT | |
| COMBAT DAMAGE REPAIR AND FIELD EXPEDIENTS | TRADOC | IN-HOUSE | |
| COMBAT PLL/ASL METHODOLOGY | DARCOM | IN-HOUSE | |
| COMBAT SERVICE SUPPORT MISSION AREA ANALYSIS | TRADOC | IN-HOUSE | PPA |
| COMBAT SUPPORT NUCLEAR, BIOLOGICAL, CHEMICAL MISSION AREA ANALYSIS | TRADOC | BOTH | |
| COMPARISON OF CFE VS GFE USAGE | DARCOM | IN-HOUSE | |
| COMPETITION SAVINGS: PRODUCTION BASE SIZE | DARCOM | IN-HOUSE | |
| CONTRACTOR MOTIVATION | DARCOM | IN-HOUSE | |
| CONTRACTOR PRODUCTION EFFICIENCY | DARCOM | IN-HOUSE | |
| DARCOM MASTER PLAN FOR AUTOMATED LOGISTICS MANAGEMENT SYSTEMS | DARCOM | IN-HOUSE | |
| DATA BASE FOR NICP ORIENTED PROBLEMS | DARCOM | IN-HOUSE | |
| DESIGN OF A PRIORITIZED DEPOT SCHEDULE SYSTEM FOR SECONDARY ITEM REPAIR | DARCOM | IN-HOUSE | |
| DETERMINATION OF MATERIEL CANCELLATION REQUESTS | DCSLOG | IN-HOUSE | |
| DEVELOPMENT OF ALTERNATIVE ARCHITECTURES FOR CENTRALIZED DEMAND ANALYSIS | DCSLOG | CONTRACT | |
| DIRECT SUPPORT AUTOMATIC TEST SUPPORT SYSTEM CUEA | TRADOC | IN-HOUSE | |
| DIV 86 DEPLOYABILITY ANALYSIS | MTMC | IN-HOUSE | |
| DOD GENERATOR SET, 15KW, 60HZ | DARCOM | CONTRACT | |
| *DOD GENERATOR SET, 30KW 60HZ | DARCOM | CONTRACT | |
| DOD GENERATOR SET, 5KW, 60HZ | DARCOM | CONTRACT | |

**CATEGORY 4: INSTALLATIONS AND LOGISTICS
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| *EVALUATE & IMPROVE LOGISTIC SUPPORT COST PARAMETERS | DARCOM | BOTH | |
| EVALUATION OF KARLSRUNE BASE OPERATIONS SUPPORT (BASOPS) | DARCOM | IN-HOUSE | |
| EVALUATION OF PROVISIONING PROCEDURES | DARCOM | IN-HOUSE | |
| EXPANDED OPPORTUNITIES FOR COMPETITION | DARCOM | IN-HOUSE | |
| EXPEDITED RETURN OF MAJOR ITEM EXCESSES | DARCOM | IN-HOUSE | |
| FAI INFORMATION MNAMEGMENT PROGRAM | DARCOM | IN-HOUSE | |
| FAILURE FACTORS FOR CONTINGENCY PLANNING | DARCOM | IN-HOUSE | |
| FEASIBILITY OF SERIAL NUMBER CONTROL OF MAJOR ITEMS | DARCOM | IN-HOUSE | |
| FINANCIAL MANAGEMENT OF THE ARMY STOCK FUNDS | DARCOM | IN-HOUSE | |
| FORECASTING ARMY BUDGET COMMITMENTS AND OBLIGATIONS | DARCOM | IN-HOUSE | |
| FORECASTING METHODS FOR PARTS SUPPORT OF DEPOT OVERHAUL | DARCOM | IN-HOUSE | |
| *FOREIGN MILITARY SALES OBLIGATION PROBLEMS | DARCOM | IN-HOUSE | |
| GOLD COMPETITION | DARCOM | IN-HOUSE | |
| *GRAVES REGISTRATION (GREG) | DCSLOG | IN-HOUSE | |
| *GUARD RAIL V | DARCOM | CONTRACT | |
| IFVS SHOULD COST ANALYSIS | DARCOM | IN-HOUSE | |
| *IMPACT EVALUATION ON THE ROTATION OF PUTENCY DATED AND SHELF LIFE ITEMS IN WAR RESERVES | HSC | IN-HOUSE | |
| IMPACT ON DARCOM OF NONSTANDARD MTOES | DARCOM | IN-HOUSE | |
| IMPROVED DEFAULT PROCEDURES | DARCOM | IN-HOUSE | |

**CATEGORY 4: INSTALLATIONS AND LOGISTICS
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| INCREASING PRODUCTIVITY AND REDUCING COST THROUGH CAPITAL INCENTIVES | DARCOM | IN-HOUSE | |
| INFLUENCE OF REQUIREMENTS UNCERTAINTY ON SYSTEMS COST ESTIMATING | DARCOM | IN-HOUSE | |
| INTEGRATED ACQUISITION SUPPORT | DARCOM | IN-HOUSE | |
| INTERNATIONAL LOGISTICS PROGRAM ANALYSIS | DARCOM | IN-HOUSE | |
| *LACV-30 | DARCOM | CONTRACT | |
| LOGISTICAL SUPPORT REQUIREMENTS FOR CHEMICAL WARFARE OPERATION, PA-S NO.80-9 | DARCOM | IN-HOUSE | |
| *MACRO EVALUATION OF THE ARMY LOGISTICS SYSTEM'S ABILITY TO TRANSITION TO A WAR FOOTING | DCSLOG | CONTRACT | PPA |
| MAINTENANCE ENHANCEMENT OF COMBAT EQUIPMENT AVAILABILITY RATES | TRADOC | IN-HOUSE | |
| MAINTENANCE FLOAT AVAILABILITY DURING WARTIME ENVIRONMENT | DARCOM | BOTH | |
| MAINTENANCE MANPOWER AND LOGISTICS ANALYSIS-XM1 | TRADOC | IN-HOUSE | |
| *MAINTENANCE SUPPORT WITHIN THE ENGINEER BRIGADE | TRADOC | IN-HOUSE | |
| MANAGEMENT OF WHOLESALE STOCKS BY WEAPONS SYSTEM | DARCOM | IN-HOUSE | |
| *MATERIALS HANDLING AND PROCESSING | DARCOM | CONTRACT | |
| MATHEMATICAL MODEL FOR THE MASTER MENU | DCSLOG | IN-HOUSE | |
| METHODOLOGIES TO ADJUST STANDARD PRICE TO VARIOUS USES | DARCOM | IN-HOUSE | |
| MID-EAST BASE DEVELOPMENT | COE | CONTRACT | |
| *MIX OF RESOURCE/READINESS REQUIREMENTS BETWEEN ARMY IN THE FIELD AND THE WHOLESALE LOGISTICS SYSTEM | DCSLOG | CONTRACT | PPA |
| *MOBILITY/COUNTER-MOBILITY SYSTEMS PROGRAM REVIEW | COE | IN-HOUSE | |

**CATEGORY 4: INSTALLATIONS AND LOGISTICS
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| MOBILIZATION ANALYSIS AND PLANNING | MTMC | BOTH | |
| MOTSU MOBILIZATION PLANNING ANALYSIS | MTMC | IN-HOUSE | |
| *MKT-75 FIELD KITCHEN | DARCOM | CONTRACT | |
| *MTOE MISMATCH AND ITEM IDENTIFICATION IN POMCUS UNITS | DARCOM | IN-HOUSE | |
| *MUNITION SURVEILLANCE PROGRAM | DARCOM | IN-HOUSE | |
| NON-RECURRING DEMANDS | DARCOM | IN-HOUSE | |
| OFF-THE-SHELF TMDE ECONOMIC ANALYSIS FOR SPECTRUM ANALYZERS | DARCOM | CONTRACT | |
| OPERATIONAL FLOAT/ERPSL TRADE-OFFS | DARCOM | IN-HOUSE | |
| OPERATIONAL READINESS ORIENTED LOGISTIC SUPPORT MODEL | DARCOM | IN-HOUSE | |
| PATRIOT | DARCOM | IN-HOUSE | |
| POOR CONTRACTUAL PERFORMANCE AND REMEDIAL ALTERNATES | DARCOM | IN-HOUSE | |
| *PROCUREMENT APPROPRIATION FUNDS USAGE POLICIES | DARCOM | IN-HOUSE | |
| PRODUCTION RATE, LEARNING CURVE AND WEAPON SYSTEM COST | DARCOM | IN-HOUSE | |
| PROFIT NEGOTIATIONS AND PROMOTION OF CONTRACTOR EFFICIENCY | DARCOM | IN-HOUSE | |
| PROPOSAL EVALUATION AND SOURCE SELECTION TECHNIQUES | DARCOM | IN-HOUSE | |
| PROTECTED SAFETY LEVELS | DCSLOG | IN-HOUSE | |
| PROVISIONING OF PROCUREMENT FUNDED SECONDARY ITEMS | DARCOM | IN-HOUSE | |
| *PUSH SYSTEM FOR MAJOR ITEMS | DARCOM | IN-HOUSE | |
| *RADIO REPLACEMENT DURING WARTIME ENVIRONMENT | DARCOM | CONTRACT | |
| READINESS ANALYSIS | DARCOM | IN-HOUSE | |

**CATEGORY 4: INSTALLATIONS AND LOGISTICS
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| REASONS FOR LETTER CONTRACTS | DARCOM | IN-HOUSE | |
| RELATING ACQUISITION AND CONTRACT PLANNING | DARCOM | IN-HOUSE | |
| *RELIABILITY CENTERED MAINTENANCE (RCM) FOR THE SHORT HAUL | DARCOM | BOTH | |
| RELIABILITY CENTERED MAINTENANCE COST BENEFIT ANALYSIS | DARCOM | IN-HOUSE | |
| RETAIL INVENTORY COST PARAMETER UPDATE STUDY (RICPUS) | DCSLOG | IN-HOUSE | |
| KIMSTOP IMPLEMENTATION POLICY (KIMSTOP) IMPLEMENTATION | DCSLOG | IN-HOUSE | |
| SAFE TRANSPORT OF MUNITIONS (STRUM) | MTMC | IN-HOUSE | |
| SECURITY ASSISTANCE PROCEDURES IN WARTIME | DARCOM | IN-HOUSE | |
| SELF SERVICE SUPPLY CENTER (SSSC) AND QUICK SUPPLY STORE (QSS) | TRADOC | IN-HOUSE | |
| SINGLE PRICING FOR MAJOR ITEMS IN FMS | DARCOM | IN-HOUSE | |
| STANDARD SYSTEM FOR COMPUTING SECONDARY ITEM WAR RESERVES CONCEPT STUDY | DARCOM | IN-HOUSE | |
| STOCK AVAILABILITY OF REPAIR PARTS FOR RADIO UNITS | DARCOM | BOTH | |
| SUITABILITY OF CERTAIN JSS PROCEDURES FOR IL CUSTOMERS | DARCOM | IN-HOUSE | |
| *SUPPLY CONSUMPTION-CLASS VIII FACTOR | HSC | IN-HOUSE | |
| SUPPLY CONTROL STUDY | DARCOM | IN-HOUSE | |
| SUPPLY PERFORMANCE INDICATORS | DARCOM | IN-HOUSE | |
| SUPPORT FOR DARCOM COMMANDER AND DIRECTORS | DARCOM | IN-HOUSE | |
| SUPPORT OF DARCOM MAJOR SUBORDINATE COMMANDS | DARCOM | IN-HOUSE | |
| *SURGE MOBILIZATION PLANNING | DARCOM | CONTRACT | |

**CATEGORY 4: INSTALLATIONS AND LOGISTICS
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| SUSTAINABILITY PREDICTIONS FOR ARMY SPARE COMPONENT REQUIREMENTS FOR COMBAT (SPARC) | DARCOM | IN-HOUSE | |
| SYSTEM ANALYSIS STUDIES | DARCOM | IN-HOUSE | |
| SYSTEMS ANALYSIS OF CANNON DAMAGE IN THE M110/M110A1 SYSTEMS | DARCOM | IN-HOUSE | |
| SYSTEMS ASSESSMENTS | DARCOM | IN-HOUSE | |
| TACTICAL WHEELED VEHICLE FLEET STUDY | TRADOC | BOTH | |
| TANK BASELINE DATA COLLECTION AND EVALUATION | DARCOM | IN-HOUSE | |
| THEATER ARMY AUTOMATIC DATA PROCESSING EQUIPMENT (ADPE) MAINTENANCE STUDY | DCSLOG | CONTRACT | PPA |
| THREE LEVEL MARINE MAINTENANCE STUDY | TRADOC | IN-HOUSE | |
| TRADOC RAM DATA EVALUATION | TRADOC | IN-HOUSE | PPA |
| *TREATMENT OF ITEM ESSENTIALITY IN CCSS | DARCOM | IN-HOUSE | |
| TYPE UNIT CHARACTERISTICS (TUCHA) FILE- PROGRAM/PLANNING FORCES | DCSLOG | IN-HOUSE | |
| UNIFORM STATEMENT OF WORK FORMAT (APRO 80-09) | DARCOM | IN-HOUSE | |
| UPDATED ANALYSIS OF SIMULATED DEPLOYMENT MTMC OF THE 4TH INFANTRY DIVISION (MECHANIZED) TO EUROPE | | IN-HOUSE | |
| UPDATED ANALYSIS OF SIMULATED DEPLOYMENT MTMC OF THE 6TH CAVALRY BRIGADE (AIR COMBAT) TO EUROPE | | IN-HOUSE | |
| UPDATED ANALYSIS OF SIMULATED DEPLOYMENT MTMC OF THE 101ST AIRBORNE DIVISION (AIRMObILE) TO EUROPE | | IN-HOUSE | |
| UPDATING FAILURE FACTORS | DARCOM | IN-HOUSE | |
| *UTILIZATION OF ARMY MEDICAL CENTERS | TSG | CONTRACT | |
| WARTIME MAINTENANCE WORKLOAD IN EUROPE | DARCOM | IN-HOUSE | |
| XM-1 MAIN BATTLE TANK CUEA-FINAL | TRADOC | IN-HOUSE | |

**CATEGORY 5: SCIENCE, TECHNOLOGY, SYSTEMS AND EQUIPMENT
FY81 STUDIES BY CATEGORY**

STUDY TITLE

SPONSOR METHOD

PPA

*** BY STUDY TITLE INDICATES NEW STUDIES**

**CATEGORY 5: SCIENCE, TECHNOLOGY, SYSTEMS AND EQUIPMENT
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| ADVANCED ATTACK HELICOPTER (COEA) | TRADOC | IN-HOUSE | |
| AIR DEFENSE METHODOLOGY DEVELOPMENT | DARCOM | CONTRACT | |
| *AIR DEFENSE SYSTEMS PRODUCT IMPROVEMENT PROGRAM | TRADOC | IN-HOUSE | |
| ANALYSIS OF FREE FLIGHT ROCKET LAUNCHERS AS PASSIVE CONTROL SYSTEMS | DARCOM | BOTH | |
| ANALYSIS OF TANK-AUTOMOTIVE SYSTEMS DEVELOPMENT | DARCOM | IN-HOUSE | |
| *APPLICATION OF SPACE TECHNOLOGY TO SPECIAL FORCES | TRADOC | IN-HOUSE | |
| *ARMOR COMBAT OPERATIONAL MODEL SUPPORT, PHASE II | TRADOC | BOTH | |
| ARMORED COMBAT VEHICLE TECHNOLOGY | TRADOC | IN-HOUSE | |
| ARMORED COMBAT VEHICLE TECHNOLOGY-STUDY (ACVT-S) | DARCOM | IN-HOUSE | |
| *ARMY ACQUISITION CASE STUDY | DCSRDA | BOTH | |
| ARMY ACQUISITION LESSONS LEARNED | DCSRDA | BOTH | |
| *ARMY LONG RANGE RDA PLAN | DCSRDA | CONTRACT | |
| ARMY MOBILITY ENERGY | DCSRDA | CONTRACT | |
| ARMY MODEL IMPROVEMENT PROGRAM | OCSA | IN-HOUSE | |
| ARMY SCIENCE AND TECHNOLOGY BASE CORRELATION | DCSRDA | CONTRACT | |
| *ARMY SCIENCE AND TECHNOLOGY BASE RETURN ON INVESTMENT | DCSRDA | CONTRACT | |
| ARMY SCIENCE AND TECHNOLOGY PLAN INTEGRATION | DCSRDA | CONTRACT | |
| ARMY TACTICAL DATA SYSTEMS INTEROPERABILITY | DARCOM | IN-HOUSE | |
| ARMY WARC-83 PARTICIPATION | ACSAC | BOTH | |
| ARTY PROJ GEC SYNTH | DARCOM | CONTRACT | |

**CATEGORY 5: SCIENCE, TECHNOLOGY, SYSTEMS AND EQUIPMENT
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| *ASSESSMENT OF ROLLOVER PROTECTION SYSTEMS FOR ARMY TACTICAL VEHICLES | DCSRDA | IN-HOUSE | |
| ATE TECHNOLOGY SURVEY | DARCOM | CONTRACT | |
| AUTOMATED BATTLEFIELD SYSTEM PERFORMANCE MODEL | DARCOM | IN-HOUSE | |
| *BATTLEFIELD ENVIRONMENT OBSCURATION HANDBOOK | DARCOM | IN-HOUSE | |
| BATTLEFIELD SURVIVABILITY REQUIREMENTS EVALUATION | DARCOM | BOTH | |
| BIOLOGICAL SYSTEMS ARCHITECTURE STUDY | DARCOM | IN-HOUSE | |
| BMD TECH ASSESSMENT METHODOLOGY | BMDPO | CONTRACT | |
| BMD: POLICY ISSUES FOR THE 1980'S | BMDPO | CONTRACT | |
| BRIDGING, 1985 AND BEYOND (LDEA) | TRADOC | IN-HOUSE | |
| CARMONETTE VULNERABILITY ANALYSIS | DARCOM | IN-HOUSE | |
| CHAFF | DARCOM | BOTH | |
| CLOSE COMBAT LIGHT MISSION AREA ANALYSIS | TRADOC | IN-HOUSE | |
| CM/CCM FOR C3 | DARCOM | BOTH | |
| *CM/CCM FOR LASERS | DARCOM | BOTH | |
| *CM/CCM POLICY | DARCOM | BOTH | |
| COMBINED EMC/EMV ANALYSIS FOR DIVISION 86/INTACS UPDATE | TRADOC | IN-HOUSE | |
| COMPUTER IMAGE GENERATED AREA OF INTEREST | DARCOM | BOTH | |
| CONTINUED DEVELOPMENT OF LOGISTICS ANALYSIS MODEL (LUGAM) - DOCUMENTATION OF USER & PROGRAMMER MANUALS & INCORPORATION OF SESAME EQUATIONS | DARCOM | CONTRACT | |
| CONTINUED DEVELOPMENT OF LOGISTICS ANALYSIS MODEL (LUGAM) - DEVELOP AND INCORPORATE OUTPUT FORMATS | DARCOM | CONTRACT | |

**CATEGORY 5: SCIENCE, TECHNOLOGY, SYSTEMS AND EQUIPMENT
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| CONTINUED DEVELOPMENT OF LOGISTICS ANALYSIS MODEL (LOGAM) - AUTOMATION OF TOE INPUTS AND ADDITION OF RISK ANALYSIS SUBROUTINE | DARCOM | CONTRACT | |
| COST ANALYSIS FUNCTION | DARCOM | IN-HOUSE | |
| *COUNTER OBSTACLE VEHICLE MINI-COEA | TRADOC | IN-HOUSE | |
| DATA DISTRIBUTION REQUIREMENT IN CORPS AND EAC | TRADOC | IN-HOUSE | |
| DEFINITION OF TACTICAL SOFTWARE REQUIREMENTS FOR AN/TSQ-73 | TRADOC | IN-HOUSE | |
| DETERMINATION OF ROCKET EXHAUST FLOW FIELD FOR A TIP-OFF LAUNCH TUBE | DARCOM | BOTH | |
| *DEVELOPMENT OF METHODOLOGY FOR MEASURING BATTLEFIELD CONTRIBUTION OF SYSTEMS | DCSOPS | IN-HOUSE | |
| EFFECTIVENESS EVALUATION OF A CLASS OF DEFENSE SYSTEMS (BMD) | BMDPO | CONTRACT | |
| *ELECTRONIC WARFARE SYSTEMS STUDY | DARCOM | IN-HOUSE | |
| EMULATOR/SIMULATOR (EM/SIM) | TRADOC | BOTH | |
| ENERGETIC MATERIALS RESEARCH | DARCOM | CONTRACT | |
| ENGINEER MODELING STUDY (EMS) | TRADOC | IN-HOUSE | |
| FAMILY OF POWER CONDITIONERS COEA | TRADOC | IN-HOUSE | |
| FIRE CONTROL CONCEPTS FOR MANEUVERING TARGETS | DARCOM | CONTRACT | |
| FORWARD OF THE FEBE WEAPON SYSTEM COST AND BENEFIT STUDY (FOFEBE) | DCSOPS | IN-HOUSE | |
| FUZE IMPACT RESPONSE | DARCOM | CONTRACT | |
| *GENERALIZED COMMUNICATIONS LOAD MODULE | TRADOC | BOTH | |
| HIGH MOBILITY MULTIPURPOSE WHEELED VEHICLE (COEA) | TRADOC | IN-HOUSE | |
| HIMAG HITPRO MOD DEV - CSA | DARCOM | CONTRACT | |

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| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| HISTORY OF THE EFFECTIVENESS OF US UN FORCES WITH EMPHASIS ON MATERIEL PERFORMANCE | DARCOM | IN-HOUSE | |
| IMPACT OF IMPROVED SURVIVABILITY ON THE FORCE STRUCTURE | DARCOM | IN-HOUSE | |
| IMPACT OF TACTICAL GUIDED MISSILE THREAT IN A NUCLEAR ENVIRONMENT | DARCOM | CONTRACT | |
| IMPLICATIONS OF BATTLEFIELD OBSCURANTS | TRADOC | BOTH | |
| INFANTRY CLOSE COMBAT ADVANCED ANTIARMOR REQUIREMENTS STUDY | TRADOC | IN-HOUSE | |
| INFANTRY MANPORTABLE ANTIARMOR ASSAULT WEAPONS SYSTEM COEA | TRADOC | IN-HOUSE | |
| *INFANTRY MODEL IMPROVEMENT PROGRAM | TRADOC | IN-HOUSE | |
| INFRARED CAMOUFLAGE PAINTS | DARCOM | BOTH | |
| *INTEGRATION OF THE ENHANCED VIDEODISC DELIVERY SYSTEM | TRADOC | BOTH | |
| INTELLIGENCE AND ELECTRONIC WARFARE (INTEL/EW) MODEL | TRADOC | BOTH | |
| INTELLIGENCE/EW MISSION AREA ANALYSIS | TRADOC | BOTH | |
| INTELLIGENCE/EW MODEL | TRADOC | BOTH | |
| *INTRA-CP COMMUNICATIONS | TRADOC | IN-HOUSE | |
| ISTA ARCHITECTURE | DARCOM | BOTH | |
| JOINT SUPPRESSION OF ENEMY AIR DEFENSE | TRADOC | IN-HOUSE | |
| LEAD-TIME COMPRESSION FOR BMD DEPLOYMENT AND STRATEGY ISSUES | BMDPO | CONTRACT | |
| LIGHTWEIGHT ADA GUN | TRADOC | IN-HOUSE | |
| MANAGEMENT INFORMATION REPORTING REQUIREMENT | DCSRDA | CONTRACT | |
| *METHODOLOGY FOR ANNUAL UPDATE OF USER PRIORITIES FOR MATERIEL | TRADOC | IN-HOUSE | |

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| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| METHODOLOGY FOR ESTIMATING USEFUL LIFE | DARCOM | IN-HOUSE | |
| METHODOLOGY FOR LOGISTIC SUPPORTABILITY EVALUATION | DARCOM | IN-HOUSE | |
| MILITARY FUNCTIONAL REQUIREMENT ANALYSIS | DARCOM | BOTH | |
| MILLIMETER WAVE | DARCOM | BOTH | |
| MISSILE TECHNOLOGY/GSE-ROCKET EXHAUST EFFECTS | DARCOM | BOTH | |
| MODEL IMPROVEMENT PROGRAM (MIP) FOR CHEMCAS II | TRADOC | BOTH | |
| MULTISPEC. SCREEN | DARCOM | BOTH | |
| NATO ARMY ARMAMENTS GROUP TACTICAL AND LOGISTICAL CONCEPTS PANEL (PANEL XI) | DCSRDA | IN-HOUSE | |
| OBSCURANTS | DARCOM | BOTH | |
| OPERATING REQUIREMENTS FOR FORWARD AREA DATA TRANSMISSION | DARCOM | IN-HOUSE | |
| OPERATIONAL ANALYSIS, WEAPON SYSTEMS EFFECTIVENESS AND CUMD SUPPORT | DARCOM | CONTRACT | |
| OPERATIONAL EFFECTIVENESS ANALYSIS OF A LONG RANGE FIELD ARTILLERY SURFACE TO SURFACE WEAPON SYSTEM | DARCOM | CONTRACT | |
| PASSIVE OPTICS PHENOMENA | ACSI | CONTRACT | |
| *POSITION LOCATING REPORTING SYSTEM COEA UPDATE | TRADOC | IN-HOUSE | |
| PRIORITIES FOR MATERIEL DEVELOPMENT | TRADOC | BOTH | |
| QUANTIFY MILITARY WORTH OF ALTERNATIVE COUNTERMINE SYSTEMS | DARCOM | BOTH | |
| QUANTITATIVE ENERGY ASSESSMENT | DARCOM | BOTH | |
| R&D INITIATIVES | DARCOM | BOTH | |
| RADAR STUDIES | DARCOM | CONTRACT | |
| RADAR TECHNOLOGY | DARCOM | IN-HOUSE | |

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| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| READINESS OF ARMY RADIOS (ROAR) | DARCOM | IN-HOUSE | |
| REAL BATTLEFIELD | DARCOM | BOTH | |
| RELATIONSHIP BETWEEN MUZZLE POSITION AND ROUND IMPACT | DARCOM | IN-HOUSE | |
| *REQUIREMENTS FOR LASER WEAPON DEVELOPMENT | TRADOC | IN-HOUSE | |
| SEA DEVICE DESIGN | DARCOM | CONTRACT | |
| SALT III-EXTENDED DETERKENT | BMDPO | CONTRACT | |
| SENSOR SYSTEM STUDY | DARCOM | IN-HOUSE | |
| SIGNATURES | DARCOM | BOTH | |
| *SINGARS (C3) | DARCOM | BOTH | |
| SOVIET CONCEPTIONS OF WAR-SURVIVAL IN THE NUCLEAR AGE | BMDPO | CONTRACT | |
| STARTLE | DARCOM | BOTH | |
| STUDY OF SURVIVABILITY AND VULNERABILITY OF HIGH PRIORITY SYSTEMS IN AN ELECTRONIC WARFARE ENVIRONMENT | USACC | BOTH | |
| SUMMARY OF ANALYSIS OF BATTLEFIELD AUTOMATED SYSTEMS (BAS) TEST CAPABILITIES | DARCOM | IN-HOUSE | |
| SUPPORT OF RATIONALIZATION/STANDARDIZATION/INTEROPERABILITY (RSI) EFFORTS | DARCOM | IN-HOUSE | |
| SURFACE LAUNCHED UNIT FUEL AIR EXPLOSIVE COEA UPDATE | TRADOC | IN-HOUSE | |
| SUSCEPTIBILITY TO EO JAMMING | DARCOM | BOTH | |
| *SYSTEM AND MODEL DEVELOPMENT | DARCOM | BOTH | |
| TARGET ACQUISITION AND ENGAGEMENT MODEL MODIFICATION | DARCOM | CONTRACT | |
| *TARGET ACQUISITION PERFORMANCE ESTIMATES AND SENSITIVITIES (TAPES) | DARCOM | IN-HOUSE | |

**CATEGORY 5: SCIENCE, TECHNOLOGY, SYSTEMS AND EQUIPMENT
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| TECHNICAL AND STRATEGIC DEVELOPMENT RELEVANT TO REVIEW OF THE ABM TREATY | BMDPO | CONTRACT | |
| TECHNICAL SUPPORT REQUIREMENTS FOR AIR DEFENSE ANALYSIS | TRADOC | IN-HOUSE | |
| TECHNOLOGY ASSESSMENT | TRADOC | BOTH | |
| *TEN YEAR INSTRUMENTATION ANALYSIS PHASE I | OCSA | BOTH | |
| TERRAIN MODELS | DARCOM | BOTH | |
| TEST CRITERIA FOR NON-KILLER WEAPON SYSTEMS | TRADOC | IN-HOUSE | |
| TEST STUDY ON GE/US JOINT BASIC SCENARIO FOR MINE COMBAT | TRADOC | IN-HOUSE | |
| THERMAL SYSTEMS | DARCOM | BOTH | |
| TRADOC MODEL IMPROVEMENT PROGRAM | TRADOC | BOTH | PPA |
| TRAINING HELICOPTER INITIAL ENTRY STUDENTS IN SIMULATORS CTEA | TRADOC | IN-HOUSE | |
| *USER COMMUNITY SIMULATOR COMMUNICATIONS SEGMENT | USACC | CONTRACT | |
| VEHICLE MAGNETIC SIGNATURE DUPLICATOR MINI-CUEA | TRADOC | IN-HOUSE | |
| *VEHICLE-MOUNTED-ON-ROAD MINE DETECTOR SYSTEM | TRADOC | IN-HOUSE | |
| VIPER/LAW COMPARISON IN COST AND OPERATIONAL PERFORMANCE | TRADOC | IN-HOUSE | |

* BY STUDY TITLE INDICATES NEW STUDIES

**CATEGORY 6: MANAGEMENT
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| ALIGNMENT OF AUTOMATION AND COMMUNICATION FUNCTIONS OF ARMY AGENCIES AND COMMANDS | ACSAC | IN-HOUSE | |
| *AMETA CONSULTING & ANALYSIS SERVICE | DARCOM | IN-HOUSE | |
| ANALYSIS OF LOGISTICS MANAGEMENT SYSTEMS | DARCOM | IN-HOUSE | |
| ANALYSIS OF WRITER-TO-READER DATA | USACC | IN-HOUSE | |
| ASSESSMENT OF COMBAT DEVELOPERS ROLE IN DEPLOYMENT SOFTWARE SUPPORT | TRADOC | BOTH | |
| BI-DIRECTIONAL FLOW NETWORK MODEL FOR SIMULATING LOG SUPPORT OF REPAIRABLE MATERIEL | DARCOM | CONTRACT | |
| CHILD PROTECTION AND CASE MANAGEMENT TEAM PERFORMANCE EVALUATION TOOL (CPCMT) | HSC | IN-HOUSE | |
| CONSOLIDATION OF JDD CALIBRATION ACTIVITIES | DARCOM | IN-HOUSE | |
| DARCOM ENGINEERING DESIGN HANDBOOK PROGRAM | DARCOM | IN-HOUSE | |
| DECENTRALIZATION OF CONTRACTING AUTHORITY | DARCOM | IN-HOUSE | |
| DESCOM TOOL CRIB/SELF-SERVICE SUPPLY CENTER ANALYSIS | DARCOM | IN-HOUSE | |
| DETERMINE, DOCUMENT, AND ESTABLISH ELECTRONIC POWER SUPPLY (EPS) OFF-THE-SHELF PRODUCT LINE | DARCOM | BOTH | |
| DEUS MODEL | USAREC | CONTRACT | |
| DEVELOPMENT OF USALUGC ADP REQUIREMENTS | TRADOC | IN-HOUSE | |
| DOCTRINE AND DEVELOPING SYSTEMS INFORMATION PERTINENT TO TRAINING DEVELOPMENTS AND TRAINING | TRADOC | IN-HOUSE | |
| ENVIRONMENTAL MANAGEMENT INFORMATION SYSTEM | COE | IN-HOUSE | |

**CATEGORY 6: MANAGEMENT
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| EVALUATION OF AUTOMATED BAR CODE RECORDER AND TRANSMITTER DEVICE FOR WORKLOAD REPORTING FROM DENTAC TO CONTROL PROCESSING FACILITIES | HSC | IN-HOUSE | |
| EVALUATION OF CURRENTLY USED DENTAL MANAGEMENT INDICATORS AND DEVELOPMENT OF NEW MANAGEMENT AND PERFORMANCE INDICATORS | HSC | IN-HOUSE | |
| EVALUATION OF PHYSICIAN EXTENDERS AND PARAPROFESSIONAL PERSONNEL STUDY | HSC | IN-HOUSE | |
| *EVALUATION STUDY OF THE FAMILY NURSE PRACTITIONERS | HSC | IN-HOUSE | |
| EXISTING AND DEVELOPMENT EQUIPMENT CHARACTERISTICS | DARCOM | BOTH | |
| FIELD UNIT READINESS STUDY | HSC | IN-HOUSE | |
| FINANCIAL MANAGEMENT ANALYSES | DARCOM | IN-HOUSE | |
| FREQUENCY OF OUT OF TOLERANCE HEADSPACE IN 20MM WEAPONS | DARCOM | IN-HOUSE | |
| FUNCTIONAL ARMY MANPOWER EVALUATION | DARCOM | IN-HOUSE | |
| HANDBOOK | DARCOM | BOTH | |
| HEALTH SCREENING FOR REMOTE ASSIGNMENTS | HSC | IN-HOUSE | |
| HLDA DATA PROCESSING NETWORK | ACSAC | BOTH | |
| *IMPACT OF DENTAL EDUCATION OPPORTUNITIES FOR DENTAL ENLISTED PERSONNEL | HSC | IN-HOUSE | |
| IMPLEMENTING GUIDANCE FOR LOGISTIC SUPPORTABILITY TEST AND EVALUATION | DARCOM | IN-HOUSE | |
| INTEGRATION OF HUMAN RESOURCES MANAGEMENT | TRADOC | IN-HOUSE | |
| ITEM ESSENTIALITY IN CCSS | DARCOM | IN-HOUSE | |
| *ITTKI STORAGE AND SERVICE STANDARDS | DARCOM | CONTRACT | |
| JUSTICE DEPT WORK MEASUREMENT PROJ | DARCOM | IN-HOUSE | |
| *LANTCOM INT DATA BASE DESIGN | DARCOM | IN-HOUSE | |

**CATEGORY 6: MANAGEMENT
FY61 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| LOGISTICS SUPPORTABILITY DEMONSTRATION, TEST, AND EVALUATION | DARCOM | IN-HOUSE | |
| MAJOR ITEM PRICE UPDATE PROCEDURES (MIPUP) | DARCOM | IN-HOUSE | |
| MANAGEMENT OF ADMINISTRATIVE SUPPORT FUNCTIONS - RECORDS, FILING, MAINTENANCE AND DISPOSITION SYSTEM STUDY | TAGC | CONTRACT | |
| MANAGEMENT OF LOW DEMAND ITEMS | DARCOM | IN-HOUSE | |
| MATERIAL DEVELOPMENT | DARCOM | CONTRACT | |
| MEASUREMENT PROJECT | DARCOM | IN-HOUSE | |
| MEDICAL DEVELOPMENT AND INVESTIGATIONS IMPLICATIONS STUDY (MED IIS) | HSC | IN-HOUSE | |
| MEDICAL RECORDS SYSTEM DEVELOPMENT | HSC | IN-HOUSE | |
| MODEL FOR ASSESSING MULTI-SYSTEM IMPACT OF RESOURCE RELATED DECISIONS | OCSA | CONTRACT | |
| *MODEL FOR RESERVE OBJECTIVE ASSIGNMENT | USAREC | BOTH | |
| *MODERNIZATION DISTRIBUTION STUDY | OCSA | CONTRACT | |
| NON MAJOR PROJECT CONSULTING ADVICE AND TECHNICAL EVALUATION IN THE ADMINISTRATIVE MANAGEMENT AREA | DARCOM | IN-HOUSE | |
| NON MAJOR PROJECT CONSULTING ADVICE AND TECHNICAL EVALUATION IN THE SYSTEMS ENGINEERING AREA | DARCOM | IN-HOUSE | |
| NON MAJOR PROJECT CONSULTING ADVICE AND TECHNICAL EVALUATION IN THE QUALITY ASSURANCE AREA | DARCOM | IN-HOUSE | |
| *OCCUPATIONAL HEALTH MANAGEMENT INFORMATION SYSTEM | TSG | IN-HOUSE | |
| OPTIMUM OPERATING HOURS FOR AMBULATORY CLINICS | HSC | IN-HOUSE | |
| *ORG ANALYSIS OF THE ARMY TRAINING SUPPORT CENTER | DARCOM | IN-HOUSE | |

CATEGORY 6: MANAGEMENT
FY81 STUDIES BY CATEGORY

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|--|----------------|---------------|------------|
| *ORGANIZATIONAL EFFECTIVENESS AND PATIENT CARE QUALITY (OE&PCQ) | HSC | IN-HOUSE | |
| *PLAN FOR TOTAL ARMY PRODUCTIVITY | COA | CONTRACT | |
| *PLANNING AND MANAGING THE ARMY LIBRARY IN THE 1980S AND BEYOND | TAGC | CONTRACT | |
| PRESENTATION OF THE ARMY ACQUISITION PROGRAM | DARCOM | IN-HOUSE | |
| *PREVENTIVE DENTISTRY EFFECTIVENESS AND EFFICIENCY STUDY | HSC | IN-HOUSE | |
| PRODUCTION BASE LAYAWAY AND MAINTENANCE DATA BASE | DARCOM | IN-HOUSE | |
| REACTIVATION NETWORKS | DARCOM | IN-HOUSE | |
| RESHAPE IMPLEMENTATION PLAN | DARCOM | IN-HOUSE | |
| S&A EFFORTS | DARCOM | IN-HOUSE | |
| STANDARDIZATION OF EQUIPMENT AND FURNITURE CONFIGURATIONS FOR ARMY CORRESPONDENCE DISTRIBUTION CENTERS/ MAIL ROOMS | TAGC | CONTRACT | |
| SYSTEM FOR ACCOUNTABILITY OF RESOURCE REQUIREMENTS IN OUTPATIENT MEDICAL PROCEDURES (SARROMP) | HSC | IN-HOUSE | |
| SYSTEMS ASSESSMENT PROGRAM | DARCOM | CONTRACT | |
| TMDE REPLACEMENT STUDIES | DARCOM | IN-HOUSE | |
| TREATMENT OF SERVICEABLE RETURNS IN SUPPLY CONTROL STUDIES | DARCOM | IN-HOUSE | |
| UNIFORM CHART OF ACCOUNTS PERSONNEL UTILIZATION SYSTEM EVALUATION | HSC | IN-HOUSE | |
| USAREC/USAR MARKET STUDY | USAREC | IN-HOUSE | |
| *USE OF MULTIPLE OPERATORIES IN DENTAL DELIVERY | HSC | IN-HOUSE | |
| *UTILIZATION STUDY OF NURSE PRACTITIONERS IN EMERGENCY MEDICAL TREATMENT | HSC | IN-HOUSE | |

CATEGORY 7: INTELLIGENCE
FY81 STUDIES BY CATEGORY

STUDY TITLE

SPONSOR METHOD PPA

* BY STUDY TITLE INDICATES NEW STUDIES

**CATEGORY 7: INTELLIGENCE
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| AIR THREAT TO CENTRAL EUROPE - 1990 | INSCOM | IN-HOUSE | PPA |
| *ALL SOURCE ANALYSIS CENTER OPERATIONAL AND ORGANIZATIONAL CONCEPT | TRADOC | IN-HOUSE | |
| *ALL SOURCE ANALYSIS SYSTEM COMMUNICATIONS CONCEPT STUDY | TRADOC | IN-HOUSE | |
| *ARMY LONG RANGE ENVIRONMENTAL PROJECTIONS (ALREP) 1981-2001 | INSCOM | BOTH | PPA |
| ARMY NET ASSESSMENT OF US/NATO AND SOVIET/WP GROUND COMBAT FORCES IN CENTRAL EUROPE, 1981-1987 (ANACE-87) | DCSOPS | IN-HOUSE | |
| ARMY NET ASSESSMENT OF US/NATO AND SOVIET/WP GROUND COMBAT FORCES IN CENTRAL EUROPE, 1982-1988 (ANACE-88) | DCSOPS | IN-HOUSE | |
| ARMY TECHNICAL INTELLIGENCE DATA IMPACT | ACSI | CONTRACT | |
| *ECM/FIRE SUPPORT INTERFACE AND PROCEDURES STUDY | TRADOC | IN-HOUSE | |
| ENVIRONMENTAL EFFECTS HANDBOOK | ACSI | CONTRACT | |
| GROUND AIR DEFENSE THREAT (GADT) | INSCOM | BOTH | PPA |
| INSCOM ADP CAPABILITIES & USAITAC INTELLIGENCE & THREAT PRODUCTS | INSCOM | BOTH | |
| INTELLIGENCE/EM SYSTEMS PARAMETER REVIEW | TRADOC | CONTRACT | |
| INVESTIGATION OF METHODOLOGIES AND TECHNIQUES FOR INTELLIGENCE ANALYSIS-PHASE II | INSCOM | CONTRACT | |
| KOREA TUNNEL STUDY | COE | IN-HOUSE | |
| *METHODOLOGY FOR SOVIET BATTLEFIELD DEVELOPMENT PLAN | TRADOC | BOTH | |
| MILITARY IMPLICATIONS OF LASER EMPLOYMENT BY THE SOVIETS | TRADOC | IN-HOUSE | |
| NATO CW VULNERABILITIES AND NET ASSESSMENT OF NATO VS WARSAW PACT CW CAPABILITIES | DCSOPS | IN-HOUSE | PPA |
| *OVERVIEW OF WP EXERCISES AND TRAINING | INSCOM | IN-HOUSE | PPA |

**CATEGORY 7: INTELLIGENCE
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| *PROJECTION OF SOVIET ELECTRONIC WARFARE TACTICS, ORGANIZATION, AND EMPLOYMENT | INSCOM | BOTH | PPA |
| *PROJECTION OF SOVIET/WARSAW PACT CHEMICAL WARFARE CAPABILITIES AND EMPLOYMENT | INSCOM | BOTH | PPA |
| SENSOR MIX STUDY | TRADOC | IN-HOUSE | |
| SIGNAL PARAMETRIC ANALYSIS OF POTENTIAL CRITICAL NUDES | TRADOC | BOTH | |
| SOVIET MILITARY OPERATIONS - AFGHANISTAN | INSCOM | IN-HOUSE | |
| SOVIET OFFENSIVE FORCE REQUIREMENTS IN CENTRAL EUROPE | INSCOM | IN-HOUSE | PPA |
| SOVIET TACTICAL NUCLEAR STUDY II (STANS II) | INSCOM | BOTH | |
| *SOVIET TACTICAL NUCLEAR STUDY III (STANS III) | INSCOM | BOTH | PPA |
| *SOVIET/WARSAW PACT GROUND FORCE SUSCEPTIBILITIES | INSCOM | BOTH | PPA |
| TACTICAL AND STRATEGIC AIR-TO-SURFACE MISSILES (UPDATE) | INSCOM | BOTH | PPA |
| *THREAT ANALYSIS METHODOLOGY FOR THE PROJECTION OF SOVIET DOCTRINE TACTICS AND ORGANIZATION | INSCOM | BOTH | PPA |
| THREAT DEVELOPMENT SUPPORT TO TRITAC | INSCOM | BOTH | |
| WARSAW PACT CAPABILITIES AND INTENTIONS TO INTERDICT NATO REAR AREA | INSCOM | IN-HOUSE | PPA |
| WARSAW PACT LOGISTICS CAPABILITIES AND PROJECTIONS | ACSI | CONTRACT | PPA |
| WARSAW PACT REPAIR, RECOVERY AND EVACUATION SYSTEM | INSCOM | IN-HOUSE | |

* BY STUDY TITLE INDICATES NEW STUDIES

**CATEGORY 8: INTERNATIONAL SECURITY
FY81 STUDIES BY CATEGORY**

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>PPA</u> |
|---|----------------|---------------|------------|
| ADVANCEMENT IN MATERIALS TECHNOLOGY | DARCOM | CONTRACT | |
| ARMOR MATERIALS | DARCOM | CONTRACT | |
| FOREIGN MATERIEL EXPLOITATION | DARCOM | CONTRACT | |
| GRAPHICS | DARCOM | CONTRACT | |
| GROUND FORCES R&D RESOURCES | DARCOM | CONTRACT | |
| MAGNETOHYDRODYNAMICS R&D AND PULSED POWER FOR DIRECTED ENERGY WEAPONS-USSR | DARCOM | CONTRACT | |
| NON-NATO CONTRIBUTIONS TO COALITION WARFARE | DCSOPS | IN-HOUSE | PPA |
| SOLID STATE PHYSICS | DARCOM | CONTRACT | |
| SOVIET SCIENTIFIC & TECHNICAL APPLICATIONS ENGINEERING IN ELECTRONICS | DARCOM | CONTRACT | |
| SOVIET/WP GROUND FORCES TACTICAL COMMAND & CONTROL | DARCOM | CONTRACT | |
| TRANSLATIONS OF FOREIGN PUBLICATIONS | DARCOM | CONTRACT | |
| US RESPONSES TO SOVIET SPONSORED PROXY WARS | DCSOPS | IN-HOUSE | |

* BY STUDY TITLE INDICATES NEW STUDIES

CHAPTER 3

AGENCY AND COMMAND STUDY PROGRAM

This chapter contains alphabetical lists of studies, by sponsoring agency or command, programed to be conducted in FY81.

Asterisks denote new studies which are being initiated during FY81. All other studies are ongoing from prior years.

The category column refers to the eight study categories established by DODD 5010.22.

The method column refers to the type of performance for the conduct of the study: in-house, contract, or both (which includes in-house and contract efforts).

The study number column refers to the number assigned by the SPMO to each study. The first two digits of each number indicates the year that the study was initiated (ongoing studies initiated prior to FY79 are assigned "79"). The third digit indicates the programed status of a study: a "one" indicates that the study was programed at the beginning of the fiscal year and a "zero" indicates that the study was unprogramed at the beginning of the year. The last four digits represent a unique number assigned by the SPMO to each study for identification purposes.

OFFICE, CHIEF OF STAFF ARMY
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| ARMY MODEL IMPROVEMENT PROGRAM | 5 | IN-HOUSE | 8001394 |
| MODEL FOR ASSESSING MULTI-SYSTEM IMPACT OF RESOURCE RELATED DECISIONS | 6 | CONTRACT | 8112238 |
| *MODERNIZATION DISTRIBUTION STUDY | 6 | CONTRACT | 8112188 |
| *TEN YEAR INSTRUMENTATION ANALYSIS PHASE I | 5 | BOTH | 8111966 |

* INDICATES NEW STUDIES

BALLISTIC MISSILE DEFENSE PROGRAM OFFICE
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| BMD TECH ASSESSMENT METHODOLOGY | 5 | CONTRACT | 8001772 |
| BMD: POLICY ISSUES FOR THE 1980'S | 5 | CONTRACT | 8001774 |
| EFFECTIVENESS EVALUATION OF A CLASS OF DEFENSE SYSTEMS (BMD) | 5 | CONTRACT | 8001773 |
| LEAD-TIME COMPRESSION FOR BMD DEPLOYMENT AND STRATEGY ISSUES | 5 | CONTRACT | 8001776 |
| SALT III-EXTENDED DETERRENT | 5 | CONTRACT | 8001777 |
| SOVIET CONCEPTIONS OF WAR-SURVIVAL IN THE NUCLEAR AGE | 5 | CONTRACT | 8001775 |
| TECHNICAL AND STRATEGIC DEVELOPMENT RELEVANT TO REVIEW OF THE ABM TREATY | 5 | CONTRACT | 7901372 |

* INDICATES NEW STUDIES

DEPUTY CHIEF OF STAFF FOR OPERATIONS AND PLANS
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| ANALYSIS OF ARMY EXERCISES | 3 | CONTRACT | 8010552 |
| ANALYSIS OF ASSUMPTIONS BEHIND ARMY FORCE PLANNING | 3 | IN-HOUSE | 8001365 |
| ANTI-TACTICAL BALLISTIC MISSILE (ATBM) | 3 | CONTRACT | 8001366 |
| ARMY COMMAND AND CONTROL SYSTEM ARCHITECTURE | 2 | CONTRACT | 7910120 |
| ARMY FORCE PLANNING DATA AND ASSUMPTIONS 3 FY 1981-1990 (AFPOA FY 81-90) | | IN-HOUSE | 8010506 |
| *ARMY FORCE PLANNING DATA AND ASSUMPTIONS 3 FY 1982-1991 (AFPOA FY 82-91) | | IN-HOUSE | 8110525 |
| ARMY MOBILIZATION BASE REQUIREMENTS MODEL (MOBKEM) | 3 | BOTH | 7910498 |
| ARMY NET ASSESSMENT OF US/NATO AND SOVIET/WP GROUND COMBAT FORCES IN CENTRAL EUROPE, 1981-1987 (ANACE-87) | 7 | IN-HOUSE | 8011254 |
| ARMY NET ASSESSMENT OF US/NATO AND SOVIET/WP GROUND COMBAT FORCES IN CENTRAL EUROPE, 1982-1988 (ANACE-88) | 7 | IN-HOUSE | 8111258 |
| ARMY STRATEGIC APPRAISAL - 1984-1991 | 2 | IN-HOUSE | 8010272 |
| ARMY STRATEGIC APPRAISAL - 1985-1992 | 2 | IN-HOUSE | 8111788 |
| ARMY WARTIME ASSET DISTRIBUTION GUIDANCE STUDY | 3 | IN-HOUSE | 8001786 |
| CASUALTY ESTIMATION STUDY (CES) | 1 | BOTH | 8010048 |
| CHEMICAL WARFARE AND NBC DEFENSE PROGRAM 2 MASTER PLAN (CHEM-MAP 90) | | IN-HOUSE | 7910264 |
| CHEMICAL WARHEAD FEASIBILITY STUDY | 3 | CONTRACT | 8002226 |
| COMBAT TO SUPPORT BALANCE STUDY | 3 | IN-HOUSE | 8010553 |
| CONTINGENCY PLANNING METHODOLOGY SUPPORT | 3 | CONTRACT | 8001787 |
| DA MOBILIZATION AND DEPLOYMENT SYSTEM DESCRIPTION | 2 | CONTRACT | 7910265 |

**DEPUTY CHIEF OF STAFF FOR OPERATIONS AND PLANS
FY81 STUDIES**

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| DEPENDENCE ON RESERVE COMPONENT READINESS | 3 | IN-HOUSE | 8001382 |
| DETERMINE THE ESSENTIAL ELEMENTS OF A NATO BATTLEFIELD INTEGRATED OPERATIONS PLAN (BIUP) | 2 | CONTRACT | 8010282 |
| *DEVELOP/REFINE COMPUTER MODELS REQUIRED FOR DEVELOPMENT OF OPERATIONAL DOCTRINE TO INCLUDE INTEGRATED (NUCLEAR, CHEMICAL AND CONVENTIONAL) FIREPLAN | 3 | CONTRACT | 8110529 |
| *DEVELOPMENT OF METHODOLOGY FOR MEASURING BATTLEFIELD CONTRIBUTION OF SYSTEMS | 5 | IN-HOUSE | 8112228 |
| FORCE ELECTRONIC WARFARE/TACTICAL SIGINT STUDY | 3 | IN-HOUSE | 8001780 |
| *FORCE STRUCTURE FOR A LONG WAR/TOTAL MOBILIZATION (RETMUB IV) | 2 | IN-HOUSE | 8112225 |
| FORWARD OF THE FEBA WEAPON SYSTEM COST AND BENEFIT STUDY (FOFEBA) | 5 | IN-HOUSE | 7911082 |
| *HISTORICAL RESEARCH ON COMBAT SUSTAINABILITY | 3 | CONTRACT | 8110559 |
| IMPROVING THE DEFINITION OF THE OBJECTIVE FORCE FOLLOW-ON (IDOFOR) | 3 | IN-HOUSE | 8001784 |
| JSPD ANALYSIS - 1980 | 3 | IN-HOUSE | 8010512 |
| JSPD ANALYSIS - 1981 | 3 | IN-HOUSE | 8110535 |
| *LAND FORCE PLANNING ESTIMATE FOR REENTRY IN KOREA | 3 | IN-HOUSE | 8110496 |
| *LAND FORCE PLANNING ESTIMATE FOR THE DEFENSE OF NORWAY | 3 | IN-HOUSE | 8010513 |
| *METHODOLOGY FOR BALANCING RESOURCES FOR ENHANCED SUSTAINABILITY | 3 | IN-HOUSE | 8110536 |
| NATO AMMUNITION REQUIREMENTS STUDY PHASE I FY 86 | 3 | IN-HOUSE | 8001781 |
| NATO CHEMICAL WARFARE POLICY | 3 | BOTH | 8001361 |

**DEPUTY CHIEF OF STAFF FOR OPERATIONS AND PLANS
FY81 STUDIES**

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| NATO CW VULNERABILITIES AND NET ASSESSMENT OF NATO VS WARSAW PACT CW CAPABILITIES | 7 | IN-HOUSE | 8011255 |
| *NATO LAND FORCES ELECTRONIC WARFARE INTEROPERABILITY, PHASE II | 2 | IN-HOUSE | 8010275 |
| NATO OPTIONS IN THE EXECUTION OF CURRENT 2 NUCLEAR EMPLOYMENT DOCTRINE | 2 | CONTRACT | 8110276 |
| NATO STRATEGIC CONCEPT FOR 1985-2000 | 2 | IN-HOUSE | 8001381 |
| NBC CARRIER STUDY, SUBSTUDY IV: RADIOLOGICAL DEFENSE (RAD DEF) | 2 | CONTRACT | 7910501 |
| NON-NATO CONTRIBUTIONS TO COALITION WARFARE | 8 | IN-HOUSE | 8011301 |
| NONNUCLEAR AMMUNITION COMBAT RATES, DISTRIBUTION (EUROPE) FY84 (AMMO D-84E) | 3 | IN-HOUSE | 8110326 |
| NUCLEAR OPERATIONS SECURITY IN USAREUR | 3 | IN-HOUSE | 8001398 |
| OMNIBUS CAPABILITY STUDY - 81 | 3 | IN-HOUSE | 8010516 |
| OMNIBUS CAPABILITY STUDY - 82 | 3 | IN-HOUSE | 8110539 |
| *PARAMETRIC FORCE ANALYSIS | 3 | IN-HOUSE | 8112223 |
| *PARAMETRIC FORCE ANALYSIS METHODOLOGY DEVELOPMENT | 3 | CONTRACT | 8112256 |
| *PROCEDURES FOR RELEASE AND CONTROL OF US CHEMICAL WEAPONS | 2 | IN-HOUSE | 8110285 |
| PROTOTYPE ARMY LONG RANGE APPRAISAL | 3 | IN-HOUSE | 8001783 |
| *RDF AIR DEFENSE REQUIREMENTS STUDY | 3 | IN-HOUSE | 8112260 |
| REQUIREMENTS FOR TOTAL MOBILIZATION (KETMOB) PHASE I-II I | 2 | IN-HOUSE | 7910267 |
| *RESOURCED CONSTRAINED PROCUREMENT OBJECTIVES FOR MUNITIONS | 3 | CONTRACT | 8112257 |
| *RIM CONVERSION | 3 | IN-HOUSE | 8112259 |
| *ROLES AND OPERATIONAL CONCEPTS FOR MODERNIZED NUCLEAR SYSTEMS | 2 | CONTRACT | 8110277 |

DEPUTY CHIEF OF STAFF FOR OPERATIONS AND PLANS
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| STRATEGIC LESSONS LEARNED IN VIETNAM | 2 | BOTH | 7910270 |
| *STRATEGIC REQUIREMENTS FOR THE ARMY IN THE YEAR 2000 | 2 | CONTRACT | 8112258 |
| *SUSTAINABILITY CRITERIA | 2 | IN-HOUSE | 8110286 |
| SUSTAINABLE LOSS RATES | 3 | BOTH | 8010517 |
| TACTICAL COMMAND READINESS PROGRAM | 1 | CONTRACT | 7910050 |
| TACTICAL WHEELED VEHICLE ZERO BASED STUDY | 3 | IN-HOUSE | 8011321 |
| THEATER INTEGRATED WARFARE SCENARIO STUDY | 3 | IN-HOUSE | 8001785 |
| TOTAL ARMY ANALYSIS - 1987 (TAA-87) | 3 | IN-HOUSE | 8010520 |
| TOTAL ARMY ANALYSIS - 1988 (TAA-88) | 3 | IN-HOUSE | 8110545 |
| TOTAL ARMY REQUIREMENTS PROGRAM (TARP) | 3 | IN-HOUSE | 8001782 |
| TRAINING BASE MOBILIZATION PLANNING GROUP/WARTIME PRETRAINED MANPOWER | 2 | IN-HOUSE | 8010302 |
| TRAINING FOR RECONSTITUTION | 3 | CONTRACT | 8010560 |
| US RESPONSES TO SOVIET SPONSORED PROXY WARS | 8 | IN-HOUSE | 8001364 |
| *USAF/ARMY INTERFACE ON THE THEATER NUCLEAR BATTLEFIELD | 2 | IN-HOUSE | 8110276 |
| WARTIME REQUIREMENT FOR AMMUNITION AND MATERIEL (KOREA) FY87 (AMMU P-87K/ WARF 87K) | 3 | IN-HOUSE | 8010324 |
| *WARTIME REQUIREMENT FOR AMMUNITION AND MATERIEL (KOREA) FY88 (AMMU P-88K/ WARF 88K) | 3 | IN-HOUSE | 8110325 |
| *WARTIME REQUIREMENTS FOR AMMUNITION AND MATERIEL (EUROPE) FY87 (AMMU P-87E/ WARF 87E) | 3 | IN-HOUSE | 8110322 |
| WARTIME REQUIREMENTS FOR AMMUNITION AND MATERIEL FY86 (AMMU P-86/WARF-86) | 3 | IN-HOUSE | 7910504 |

DEPUTY CHIEF OF STAFF FOR OPERATIONS AND PLANS
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| WARTIME REQUIREMENTS FOR CHEMICAL MUNITIONS | 2 | IN-HOUSE | 8010335 |
| WARTIME REQUIREMENTS FOR EUROPE FY88 | 3 | IN-HOUSE | 8110323 |

* INDICATES NEW STUDIES

DEPUTY CHIEF OF STAFF FOR PERSONNEL
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| *ARMY MOTOR VEHICLE ACCIDENT REDUCTION/ PREVENTION | 1 | IN-HOUSE | 8112235 |
| BONUS LEVELS REQUIRED TO RESULT IN ENLISTMENTS | 1 | IN-HOUSE | 8010066 |
| *DEMOGRAPHIC CHANGE IN AMERICA AND ITS EFFECTS ON THE ARMY IN THE 1980'S | 1 | CONTRACT | 8110062 |
| DETERMINE METHOD FOR CONVERTING CASUALTY RATES TO FORECAST POPULATION CELL LOSS RATES | 1 | CONTRACT | 8010025 |
| *DETERMINE METHOD FOR CONVERTING MOBILIZATION MANPOWER SHOWN RATES TO FORECAST POPULATION GAIN RATES | 1 | IN-HOUSE | 8110026 |
| DEVELOPMENT OF A MANPOWER TRADE-OFF METHODOLOGY | 1 | IN-HOUSE | 8110077 |
| DEVELOPMENT OF MANUAL FOR POSITION CLASSIFIERS | 1 | CONTRACT | 7910072 |
| DEVELOPMENT OF MATHEMATICAL MODELS FOR PROCESSING ASSIGNMENT REQUIREMENTS | 1 | CONTRACT | 7910021 |
| EVALUATION OF QUANTITATIVE PROCEDURES FOR POSITION IDENTITY DEFINITION | 1 | CONTRACT | 7910336 |
| *EVALUATION OF THE ARMY MERIT PAY SYSTEM | 1 | BOTH | 8112218 |
| EVALUATION OF THE MILITARY JUSTICE AND DISCHARGE SYSTEMS | 1 | CONTRACT | 7910055 |
| *FACTORS AFFECTING AVAILABILITY OF RESERVE PERSONNEL | 1 | IN-HOUSE | 8110030 |
| FACTORS AFFECTING VARIATION IN RECRUITING PRODUCTIVITY | 1 | IN-HOUSE | 8010068 |
| *FEDERAL EMPLOYEE COMPENSATION | 1 | IN-HOUSE | 8112232 |
| *IMPACT OF AN OPTIONAL BAO AND BAS POLICY FOR E-5/E-6 SOLDIERS | 1 | IN-HOUSE | 8111742 |
| IMPACT OF ENLISTMENT CRITERIA ON ACHIEVEMENT OF RECRUITING GOALS | 1 | IN-HOUSE | 8010065 |
| INTEGRATION OF HUMAN RESOURCES MANAGEMENT | 1 | IN-HOUSE | 7910073 |

DEPUTY CHIEF OF STAFF FOR PERSONNEL
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| INTEGRATION OF LOWER LEVEL SUPERVISORS INTO THE MANAGEMENT STRUCTURE | 1 | CONTRACT | 8010028 |
| MANPOWER REQUIREMENTS DETERMINATION PROCEDURES AND ORGANIZATIONS | 1 | CONTRACT | 8001744 |
| MILITARY OPTIONS EVALUATION OF CIVILIAN MALES | 1 | CONTRACT | 7910074 |
| MOBILIZATION MANPOWER POLICY ANALYSIS STUDY (MMPAS) | 1 | IN-HOUSE | 8111750 |
| *OPTIMIZE SELECTION PROCESS FOR SELECTIVE REENLISTMENT BONUS (SRB) | 1 | IN-HOUSE | 8111747 |
| *ORGANIZATIONAL CONDITIONS WHICH OPTIMIZE LEADERSHIP AND TECHNICAL SKILLS OF ARMY PERSONNEL | 1 | CONTRACT | 8111748 |
| PERSONNEL REPLACEMENT SYSTEM DEGRADATION VULNERABILITY ASSESSMENT | 1 | IN-HOUSE | 8010054 |
| RELATIONSHIP OF BONUSES AND LENGTH OF ENLISTMENT | 1 | IN-HOUSE | 8010067 |
| *RELATIONSHIP OF RECRUITING RESOURCES AND ENVIRONMENT ON ARMY RECRUITING | 1 | CONTRACT | 8110063 |
| *REORGANIZATION OF SAFETY AND OCCUPATIONAL HEALTH PROGRAMS TO MEET COMPLIANCE REQUIREMENT OF ESSENTIAL PROGRAM ELEMENTS | 1 | IN-HOUSE | 8112230 |
| *STANDARDS FOR CONTRACT MILITARY POLICE SERVICES | 1 | CONTRACT | 8111755 |
| *TOTAL MANPOWER REQUIREMENTS DOCUMENTATION | 1 | IN-HOUSE | 8111750 |
| *TOTAL TRAFFIC FLOW | 1 | CONTRACT | 8111757 |
| *UPGRADE PRESENT DATA REDUCTION TECHNIQUES AND EQUIPMENT | 1 | IN-HOUSE | 8111758 |
| *VALIDATION OF QOL MINIMUM STANDARDS | 1 | IN-HOUSE | 8111759 |

* INDICATES NEW STUDIES

DEPUTY CHIEF OF STAFF FOR LOGISTICS
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| *ANALYSIS OF DISTRIBUTION SYSTEM FROM DEPOT TO PORT OF DEBARKATION | 4 | IN-HOUSE | 8001391 |
| AVERAGE USEFUL LIFE OF MAJOR PAYLOAD VEHICLES | 4 | IN-HOUSE | 8010079 |
| AVIATION MATERIEL COMBAT READY IN- COUNTRY (AMCRIC) | 2 | IN-HOUSE | 7910250 |
| DETERMINATION OF MATERIEL CANCELLATION REQUESTS | 4 | IN-HOUSE | 8001392 |
| DEVELOPMENT OF ALTERNATIVE ARCHITECTURES FOR CENTRALIZED DEMAND ANALYSIS | 4 | CONTRACT | 8002224 |
| *GRAVES REGISTRATION (GKREG) | 4 | IN-HOUSE | 8010154 |
| *MACRO EVALUATION OF THE ARMY LOGISTICS SYSTEM'S ABILITY TO TRANSITION TO A WAR FOOTING | 4 | CONTRACT | 8110786 |
| MATHEMATICAL MODEL FOR THE MASTER MENU | 4 | IN-HOUSE | 8111821 |
| *MIX OF RESOURCE/READINESS REQUIREMENTS BETWEEN ARMY IN THE FIELD AND THE WHOLESALE LOGISTICS SYSTEM | 4 | CONTRACT | 8110783 |
| PROTECTED SAFETY LEVELS | 4 | IN-HOUSE | 8111822 |
| RETAIL INVENTORY COST PARAMETER UPDATE STUDY (RICPUS) | 4 | IN-HOUSE | 8010772 |
| RIMSTUP IMPLEMENTATION POLICY (RIMSTUP) IMPLEMENTATION | 4 | IN-HOUSE | 7910767 |
| THEATER ARMY AUTOMATIC DATA PROCESSING EQUIPMENT (ADPE) MAINTENANCE STUDY | 4 | CONTRACT | 8110713 |
| TYPE UNIT CHARACTERISTICS (TUCHAR) FILE- PROGRAM/PLANNING FORCES | 4 | IN-HOUSE | 8010155 |

* INDICATES NEW STUDIES

DEPUTY CHIEF OF STAFF FOR RESEARCH, DEVELOPMENT AND ACQUISITION
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| *ARMY ACQUISITION CASE STUDY | 5 | BOTH | 8111958 |
| ARMY ACQUISITION LESSONS LEARNED | 5 | BOTH | 8001386 |
| *ARMY LONG RANGE RDA PLAN | 5 | CONTRACT | 8111343 |
| ARMY MOBILITY ENERGY | 5 | CONTRACT | 8101346 |
| ARMY SCIENCE AND TECHNOLOGY BASE CORRELATION | 5 | CONTRACT | 8011077 |
| *ARMY SCIENCE AND TECHNOLOGY BASE RETURN ON INVESTMENT | 5 | CONTRACT | 8111342 |
| ARMY SCIENCE AND TECHNOLOGY PLAN INTEGRATION | 5 | CONTRACT | 8011076 |
| *ASSESSMENT OF ROLLOVER PROTECTION SYSTEMS FOR ARMY TACTICAL VEHICLES | 5 | IN-HOUSE | 8112237 |
| MANAGEMENT INFORMATION REPORTING REQUIREMENT | 5 | CONTRACT | 8001339 |
| NATO ARMY ARMAMENTS GROUP TACTICAL AND LOGISTICAL CONCEPTS PANEL (PANEL XI) | 5 | IN-HOUSE | 7911079 |
| TRANSITION PLANS FOR THE INTRODUCTION OF NEW ROUNDS OF AMMUNITION | 2 | CONTRACT | 7910293 |

* INDICATES NEW STUDIES

COMPTROLLER OF THE ARMY
FY&I STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|-----------------------------------|-----------------|---------------|------------------|
| *PLAN FOR TOTAL ARMY PRODUCTIVITY | 6 | | CONTRACT 8112231 |

* INDICATES NEW STUDIES

ASSISTANT CHIEF OF STAFF FOR INTELLIGENCE
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| ARMY TECHNICAL INTELLIGENCE DATA IMPACT | 7 | CONTRACT | 8001385 |
| ENVIRONMENTAL EFFECTS HANDBOOK | 7 | CONTRACT | 8001383 |
| PASSIVE OPTICS PHENOMENA* | 5 | CONTRACT | 8001388 |
| WARSAW PACT LOGISTICS CAPABILITIES AND PROJECTIONS | 7 | CONTRACT | 8011252 |

* INDICATES NEW STUDIES

**ASSISTANT CHIEF OF STAFF FOR AUTOMATION AND COMMUNICATIONS
FY81 STUDIES**

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| ALIGNMENT OF AUTOMATION AND COMMUNICATION FUNCTIONS OF ARMY AGENCIES AND COMMANDS | 6 | IN-HOUSE | 8000333 |
| ARMY WARC-83 PARTICIPATION | 5 | BOTH | 8011092 |
| HQDA DATA PROCESSING NETWORK | 6 | BOTH | 8110069 |
| INTERNATIONAL TELECOMMUNICATIONS UNION (ITU) | 2 | BOTH | 8002082 |
| NETWORK SUPPORT REQUIREMENT ANALYSIS PHASE I | 2 | BOTH | 8010252 |
| 225-400, MHZ BAND STUDY FOR FUTURE ARMY SYSTEMS | 2 | BOTH | 8110039 |

* INDICATES NEW STUDIES

THE SURGEON GENERAL
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| *OCCUPATIONAL HEALTH MANAGEMENT INFORMATION SYSTEM | 6 | IN-HOUSE | 8112234 |
| *UTILIZATION OF ARMY MEDICAL CENTERS | 4 | CONTRACT | 8112230 |

* INDICATES NEW STUDIES

CHIEF OF CHAPLAINS
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| *CHAPLAIN MINISTRY TO MILITARY PERSONNEL OF KOREAN-AMERICAN MARRIAGES | 1 | CONTRACT | 8111345 |
| RECRUITMENT, RETENTION, MOBILIZATION, AND TRAINING OF THE WOMAN CHAPLAIN | 1 | CONTRACT | 8010047 |
| RULE OF THE CHAPLAIN IN MINISTRY RELATED TO PSYCHOGENIC DISEASES | 1 | CONTRACT | 7910044 |

* INDICATES NEW STUDIES

THE ADJUTANT GENERAL AND THE ADJUTANT GENERAL CENTER
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| *ASSESSMENT OF ADVANCED FUNCTIONALLY BASED SKILL TRAINING | 1 | CONTRACT | 8111814 |
| *CIVILIAN INITIATIVES IN ARMY QUALITY OF LIFE PROGRAM (PHASE I) | 1 | IN-HOUSE | 8111736 |
| *COORDINATION OF EDUCATIONAL ACTIVITIES PERFORMED BY FEDERAL AGENCIES | 1 | CONTRACT | 8111813 |
| MANAGEMENT OF ADMINISTRATIVE SUPPORT FUNCTIONS - RECORDS, FILING, MAINTENANCE AND DISPOSITION SYSTEM STUDY | 6 | CONTRACT | 8011139 |
| *PLANNING AND MANAGING THE ARMY LIBRARY IN THE 1980S AND BEYOND | 6 | CONTRACT | 8111816 |
| QUALITY OF LIFE INITIATIVES IMPACTING ON COMMITMENT/READINESS | 1 | IN-HOUSE | 7910024 |
| *QUALITY OF LIFE INITIATIVES IMPACTING ON SOLDIER COMMITMENT TO SERVICE (PHASE I) | 1 | CONTRACT | 8111751 |
| *RESERVE COMPONENT INITIATIVES FOR ARMY QUALITY OF LIFE PROGRAM (PHASE I) | 1 | IN-HOUSE | 8111753 |
| STANDARDIZATION OF EQUIPMENT AND FURNITURE CONFIGURATIONS FOR ARMY CORRESPONDENCE DISTRIBUTION CENTERS/ MAIL ROOMS | 6 | CONTRACT | 8001815 |

* INDICATES NEW STUDIES

CONCEPTS ANALYSIS AGENCY
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| CEM CALIBRATION PROJECT | 3 | IN-HOUSE | 8001969 |
| CEM GROUP | 3 | BOTH | 7910165 |
| COMBAT SAMPLE GENERATOR ENHANCEMENT | 3 | BOTH | 7910169 |
| *COMMAND SYSTEMS FORCE MIX INTEGRATION ABOVE CORPS RESEARCH ANALYSIS (COSFORMICKA) | 3 | CONTRACT | 8112221 |
| DIVISION ELECTRONIC WARFARE COMBAT MODEL | 3 | BOTH | 7910168 |
| FORCEM DEVELOPMENT | 3 | BOTH | 8110171 |
| FORWARD OF THE FEBA WEAPON SYSTEM - COST AND BENEFIT STUDY | 3 | CONTRACT | 8001377 |
| *JOINT USA/USAF SAM/INTERCEPTOR MIX | 3 | CONTRACT | 8111331 |
| *METHODOLOGY IMPROVEMENT | 3 | IN-HOUSE | 8112261 |
| MODEL/METHODOLOGY IMPROVEMENT, CONVERSION, AND DEVELOPMENT | 3 | IN-HOUSE | 7910167 |
| PRE-PRODUCTION TEST AND EVALUATION OF DEWCOM | 3 | IN-HOUSE | 8002222 |
| WARTIME REQUIREMENTS FOR AMMUNITION, MATERIEL, AND PERSONNEL (WARRAMP) - DOCUMENTATION | 3 | IN-HOUSE | 8001376 |
| WARTIME REQUIREMENTS FOR AMMUNITION, MATERIEL AND PERSONNEL (WARRAMP) PHASE V | 3 | IN-HOUSE | 8001970 |
| WARTIME REQUIREMENTS FOR AMMUNITION, MATERIEL, AND PERSONNEL (WARRAMP), PHASE VI | 3 | IN-HOUSE | 8111971 |

* INDICATES NEW STUDIES

TRAINING AND DOCTRINE COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| ADVANCED ATTACK HELICOPTER (COEA) | 5 | IN-HOUSE | 8010173 |
| ADVANCED ATTACK HELICOPTER COEA UPDATE | 3 | BOTH | 8010220 |
| *ADVANCED OPTICAL SYSTEMS FOR THE FIELD ARTILLERY SUPPORT TEAM | 3 | BOTH | 8111835 |
| AH-1 WEAPONS TRAINING CTEA | 1 | IN-HOUSE | 8111900 |
| AH-64 MISSION SIMULATOR CTEA | 1 | IN-HOUSE | 8111865 |
| *AIR DEFENSE SYSTEMS PRODUCT IMPROVEMENT PROGRAM | 5 | IN-HOUSE | 8111906 |
| AIR GROUND ENGAGEMENT SIMULATION SYSTEM CTEA | 1 | IN-HOUSE | 8001899 |
| AIR TRANSPORTABLE PROTECTED ANTI-ARMOR ASSAULT CAPABLE SYSTEM (APAS) | 3 | BOTH | 8002197 |
| AIRCRAFT SURVIVABILITY EQUIPMENT CTEA | 1 | IN-HOUSE | 8111905 |
| *ALL SOURCE ANALYSIS CENTER OPERATIONAL AND ORGANIZATIONAL CONCEPT | 7 | IN-HOUSE | 8111886 |
| *ALL SOURCE ANALYSIS SYSTEM COMMUNICATIONS CONCEPT STUDY | 7 | IN-HOUSE | 8111885 |
| AN/TSR-73 COMMAND AND CONTROL FIRING DOCTRINE STUDY | 3 | IN-HOUSE | 7910402 |
| ANALYTICAL SURVEY OF PERSONNEL REPLACEMENT SYSTEM | 1 | CONTRACT | 8010102 |
| *APPLICATION OF SPACE TECHNOLOGY TO SPECIAL FORCES | 5 | IN-HOUSE | 8111934 |
| *ARMOR COMBAT OPERATIONAL MODEL SUPPORT, PHASE II | 5 | BOTH | 8111834 |
| ARMORED COMBAT VEHICLE TECHNOLOGY | 5 | IN-HOUSE | 8001886 |
| ARMY AIR DEFENSE COMMAND, CONTROL AND COMMUNICATIONS STUDY-ELEMENTS ABOVE DIVISION (EAD) | 3 | BOTH | 8111840 |
| ARMY AVIATION MISSION AREA ANALYSIS | 3 | BOTH | 8001850 |
| ARMY COMMAND AND CONTROL SYSTEMS (ACCS) MANAGEMENT PLAN - 1980 | 2 | BOTH | 8010202 |

TRAINING AND DOCTRINE COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| ARMY DATA DISTRIBUTION SYSTEM/INTACS UPDATE (ADDS/INTAC UPDATE) | 2 | BOTH | 7910204 |
| ARMY MODEL IMPROVEMENT PROGRAM | 3 | BOTH | 8001826 |
| ASSESSMENT OF COMBAT DEVELOPERS ROLE IN DEPLOYMENT SOFTWARE SUPPORT | 6 | BOTH | 8010110 |
| *ASSOCIATION BETWEEN SQT AND EXTERNAL JOB PERFORMANCE INDICATORS | 1 | BOTH | 8111849 |
| AVIATION INTERMEDIATE MAINTENANCE | 4 | IN-HOUSE | 8111921 |
| AVIATION REQUIREMENTS FOR THE COMBAT STRUCTURE OF THE ARMY IV | 3 | IN-HOUSE | 8111869 |
| AVIATION TRAINING THROUGH THE 1980'S TRAINING EFFECTIVENESS ANALYSIS (TEA) | 1 | IN-HOUSE | 8001891 |
| BATTLEFIELD IDENTIFICATION-FRIEND OR FOE | 2 | IN-HOUSE | 8001878 |
| BATTLEFIELD NUCLEAR WARFARE MISSION AREA ANALYSIS | 2 | BOTH | 8001832 |
| BATTLEFIELD RECOVERY AND EVACUATION CAPABILITIES | 4 | IN-HOUSE | 7910700 |
| BRIDGING, 1985 AND BEYOND (CDEA) | 5 | IN-HOUSE | 7911002 |
| *BRIDGING, 1985 AND BEYOND (CDEA) | 1 | IN-HOUSE | 8112219 |
| CHAPLAIN SUPPORT GROUP IN THE MANEUVER BATTALION | 1 | IN-HOUSE | 8111937 |
| *CIVIL AFFAIRS IN COALITION WARFARE | 2 | IN-HOUSE | 8111933 |
| CLOSE COMBAT LIGHT MISSION AREA ANALYSIS | 5 | IN-HOUSE | 8016175 |
| COMBAT DAMAGE REPAIR AND FIELD EXPLOSIONS | 4 | IN-HOUSE | 8111901 |
| COMBAT SERVICE SUPPORT MISSION AREA ANALYSIS | 4 | IN-HOUSE | 7910701 |
| COMBAT SUPPORT NUCLEAR, BIOLOGICAL, CHEMICAL MISSION AREA ANALYSIS | 4 | BOTH | 8001405 |
| COMBINED ENEMY ANALYSIS FOR DIVISION 86/INTACS UPDATE | 5 | IN-HOUSE | 8001911 |

TRAINING AND DOCTRINE COMMAND
FY81 STUDIES

| STUDY TITLE | CATEGORY | METHOD | STUDY # |
|---|----------|----------|---------|
| *COMMAND AND CONTROL MISSION AREA ANALYSIS | 3 | BOTH | 8111854 |
| COMMAND POST COUNTERSURVEILLANCE STUDY | 3 | IN-HOUSE | 7910408 |
| COMMUNICATIONS ELECTRONICS OPERATING INSTRUCTIONS FOR CORPS AND BELOW (CEOICE) - POST 1985 | 3 | IN-HOUSE | 8010455 |
| CORPS SUPPORT WEAPON SYSTEM COEA | 3 | IN-HOUSE | 8001875 |
| CORPS EB | 3 | BOTH | 8110566 |
| *COUNTER OBSTACLE VEHICLE MINI-COEA | 5 | IN-HOUSE | 8111890 |
| DATA DISTRIBUTION REQUIREMENT IN CORPS AND EAC | 5 | IN-HOUSE | 8111920 |
| DEFINITION OF IMPROVED FAWK SOFTWARE REQUIREMENTS | 1 | IN-HOUSE | 8001913 |
| DEFINITION OF TACTICAL SOFTWARE SYSTEM FOR DIVAD | 3 | IN-HOUSE | 7910413 |
| DEFINITION OF TACTICAL SOFTWARE REQUIREMENTS FOR PATRIOT | 3 | IN-HOUSE | 7910414 |
| DEFINITION OF TACTICAL SOFTWARE REQUIREMENTS FOR ANZISG-75 | 5 | IN-HOUSE | 8001895 |
| DEFINITIONS OF TACTICAL SOFTWARE REQUIREMENTS FOR AULAND | 3 | IN-HOUSE | 8010416 |
| DEVELOPMENT OF USALOGC ADP REQUIREMENTS | 6 | IN-HOUSE | 7910705 |
| DIRECT SUPPORT AUTOMATIC TEST SUPPORT SYSTEM COEA | 4 | IN-HOUSE | 8002200 |
| DIVISION AIR DEFENSE (DIVAD) GUN (COEA) | 3 | IN-HOUSE | 7910418 |
| DIVISION AIR DEFENSE (DIVAD) GUN (CTEA) | 1 | BOTH | 8111337 |
| DIVISION AIR DEFENSE COMMAND AND CONTROL | 3 | BOTH | 8000404 |
| DIVISION 1986 STUDY (DIV 86) | 3 | BOTH | 7910419 |
| DOCTRINE AND DEVELOPING SYSTEMS INFORMATION PERTINENT TO TRAINING DEVELOPMENTS AND TRAINING | 5 | IN-HOUSE | 8111881 |

TRAINING AND DOCTRINE COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| *DYNAMIC ANALYSIS OF THE TECHNICAL INTERFACE CONCEPT | 2 | BOTH | 8110297 |
| ECHELONS ABOVE CORPS (PHASE 11) | 3 | IN-HOUSE | 8010153 |
| *ECA/FIRE SUPPORT INTERFACE AND PROCEDURES STUDY | 7 | IN-HOUSE | 8111919 |
| EMULATOR/SIMULATOR (EM/SIM) | 5 | BOTH | 7911006 |
| ENGINEER MISSION AREA ANALYSIS-NUCLEAR ADDENDUM | 3 | IN-HOUSE | 8111910 |
| ENGINEER MODELING STUDY (EMS) | 5 | IN-HOUSE | 7911007 |
| ENHANCED SELF-PROPELLED ARTILLERY WEAPON SYSTEM CUEA | 3 | IN-HOUSE | 8111887 |
| *EUROPEAN MAIN SUPPLY ROUTE (MSR) STUDY | 2 | IN-HOUSE | 8111936 |
| *EVALUATION OF HINDS FORCE SURVIVABILITY AND SUSTAINABILITY | 3 | BOTH | 8001825 |
| FAMILY OF CHEMICAL BINARY MUNITIONS CUEA | 2 | IN-HOUSE | 8111909 |
| FAMILY OF POWER CONDITIONERS CUEA | 5 | IN-HOUSE | 8011029 |
| FAMILY OF POWER CONDITIONERS CUEA | 1 | IN-HOUSE | 8111908 |
| FIELD ARTILLERY METEOROLOGICAL ACQUISITION SYSTEM CUEA | 1 | IN-HOUSE | 8010423 |
| *FIELD ARTILLERY METEOROLOGICAL ACQUISITION SYSTEM CUEA | 3 | IN-HOUSE | 8111898 |
| FIELD ARTILLERY ORGANIZATION AND SYSTEM REQUIREMENTS 1990-2000 MISSION AREA ANALYSIS (MAA) | 3 | IN-HOUSE | 8111928 |
| *FIRE DISTRIBUTION-PHASE I | 2 | BOTH | 8001827 |
| FIRE SUPPORT MISSION AREA ANALYSIS (FSMAA) | 3 | BOTH | 8010459 |
| FORCE ELECTRONIC WARFARE TACTICAL SIGINT (FEWTS) | 3 | IN-HOUSE | 7910490 |
| *GENERALIZED COMMUNICATIONS LOGIC MODULE | 5 | BOTH | 8102205 |

TRAINING AND DOCTRINE COMMAND
FY02 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| GROUND RADAR EMITTER FOR TRAINING AVIATORS | 1 | IN-HOUSE | 8001916 |
| *HEAT STRESS IN A CH ENVIRONMENT | 1 | IN-HOUSE | 8111872 |
| HEAVY DIVISION 90 (DIVISION 86) | 3 | BOTH | 8111851 |
| HELLFIRE COEA UPDATE | 3 | IN-HOUSE | 7910211 |
| HIGH MOBILITY MULTIPURPOSE WHEELED VEHICLE (COEA) | 5 | IN-HOUSE | 7910428 |
| *HUMAN DIMENSION IN BATTLE | 1 | BOTH | 8111848 |
| IMPACT OF ARMY AIR DEFENSE FIRING DOCTRINE ON AMMUNITION REQUIREMENTS | 5 | BOTH | 7910206 |
| IMPLICATIONS OF BATTLEFIELD OBSERVANTS | 5 | BOTH | 8001833 |
| IMPROVED HAWK INITIAL SCREENING TRAINING EFFECTIVENESS ANALYSIS (ISTEA)/TRAINING SUBSYSTEM EFFECTIVENESS ANALYSIS (IDEA) | 1 | IN-HOUSE | 8111894 |
| INFANTRY CLOSE COMBAT ADVANCED ANTIARMOR REQUIREMENTS STUDY | 5 | IN-HOUSE | 8001870 |
| INFANTRY MANPORTABLE ANTIARMOR ASSAULT WEAPONS SYSTEM COEA | 5 | IN-HOUSE | 8111871 |
| *INFANTRY MODEL IMPROVEMENT PROGRAM | 5 | IN-HOUSE | 8111892 |
| INTACS SYSTEM ARCHITECTURE REFINEMENT TO SUPPORT FAISEMP | 2 | IN-HOUSE | 8111914 |
| INTACS TRANSITION MANAGEMENT PLAN | 2 | CONTRACT | 8001867 |
| *INTEGRATED BATTLEFIELD ISSUES | 3 | BOTH | 8112200 |
| INTEGRATED TACTICAL COMMUNICATIONS UPDATE SYSTEM (INTACS UPDATE) | 2 | IN-HOUSE | 7910226 |
| INTEGRATION OF HUMAN RESOURCES MANAGEMENT | 6 | IN-HOUSE | 8001918 |
| *INTEGRATION OF THE ENHANCED VIDEO DISC DELIVERY SYSTEM | 5 | BOTH | 8111853 |
| INTELLIGENCE AND ELECTRONIC WARFARE (INTEL/EW) MODEL | 5 | BOTH | 8001839 |

TRAINING AND DOCTRINE COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| INTELLIGENCE/EA MISSION AREA ANALYSIS | 5 | BOTH | 8001824 |
| INTELLIGENCE/EA MODEL | 5 | BOTH | 8001414 |
| INTELLIGENCE/EA SYSTEMS PARAMETER REVIEW | 7 | CONTRACT | 8011211 |
| *INTRA-CP COMMUNICATIONS | 5 | IN-HOUSE | 8111925 |
| JOINT COUNTER-AIR/AIR DEFENSE | 2 | BOTH | 8001417 |
| JOINT COUNTERING ATTACK HELICOPTER | 2 | IN-HOUSE | 8001876 |
| JOINT SECOND ECHELON INTERDICTION STUDY | 5 | BOTH | 8011176 |
| JOINT SUPPRESSION OF ENEMY AIR DEFENSE | 5 | IN-HOUSE | 8001885 |
| LETHAL ATTACK ON EMITTERS | 3 | IN-HOUSE | 8001737 |
| LIGHT DIVISION 86 | 3 | BOTH | 8010177 |
| LIGHTWEIGHT ADA GUN | 5 | IN-HOUSE | 8001889 |
| MAINTENANCE ENHANCEMENT OF COMBAT EQUIPMENT AVAILABILITY RATES | 4 | IN-HOUSE | 8111877 |
| MAINTENANCE MANPOWER AND LOGISTICS ANALYSIS-AM1 | 4 | IN-HOUSE | 8010178 |
| *MAINTENANCE SUPPORT WITHIN THE ENGINEER BRIGADE | 4 | IN-HOUSE | 8111927 |
| *METHODOLOGY FOR ANNUAL UPDATE OF USER PRIORITIES FOR MATERIEL | 5 | IN-HOUSE | 8111939 |
| *METHODOLOGY FOR SOVIET BATTLEFIELD DEVELOPMENT PLAN | 7 | BRIF | 8111855 |
| MILITARY IMPLICATIONS OF LASER EMPLOYMENT BY THE SOVIETS | 7 | IN-HOUSE | 8010338 |
| MILITARY POLICE SUPPORT STUDY | 3 | IN-HOUSE | 8010407 |
| MODEL IMPROVEMENT PROGRAM (MIP) FOR CHEMICALS II | 5 | BOTH | 8011012 |
| MOS 71 SUPPORT IN TACTICAL ORGANIZATIONS I | 1 | IN-HOUSE | 8002109 |
| MULTIPLE LAUNCH ROCKET SYSTEM CTEA | 1 | IN-HOUSE | 7910461 |

TRAINING AND DOCTRINE COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| M160 CRACKING DEVICE COST TRAINING EFFECTIVENESS ANALYSIS (CIEA) | 1 | BOTH | 8001836 |
| NBC CARRIER STUDY, SUBSTUDY 11: CHEMICAL OPERATIONS | 2 | IN-HOUSE | 8110214 |
| *NUCLEAR BURST DETECTION SYSTEM COEA | 3 | IN-HOUSE | 8111917 |
| NUCLEAR, BIOLOGICAL, CHEMICAL MISSION AREA ANALYSIS | 2 | BOTH | 8001370 |
| PATRIOT ARMY AIR DEFENSE SYSTEMS ACQUISITION REVIEW COUNCIL (COEA) | 3 | IN-HOUSE | 8000432 |
| PATRIOT CTEA | 1 | IN-HOUSE | 8111866 |
| PERFORMANCE FACTORS FOR STAFFING ARMY SERVICE SCHOOL AND TRAINING CENTERS | 1 | IN-HOUSE | 8011941 |
| PERSHING II COEA UPDATE | 3 | IN-HOUSE | 8111904 |
| PERSONNEL MANAGEMENT STUDY | 1 | IN-HOUSE | 8001931 |
| *POSITION LOCATING REPORTING SYSTEM COEA UPDATE | 5 | IN-HOUSE | 8111879 |
| POST 1965 USD CONCEPT FOR BATTLEFIELD SPECTRA MANAGEMENT | 2 | BOTH | 8011369 |
| *PRELIMINARY DESIGN AND ORGANIZATION OF AN ARTILLERY TARGET INTEGRATION CENTER | 3 | BOTH | 8111831 |
| PRIORITIES FOR MATERIEL DEVELOPMENT | 5 | BOTH | 8001373 |
| RANGE HANDS OF ENGAGEMENT | 3 | IN-HOUSE | 8001884 |
| RELIGIOUS SUPPORT GROUP IN TACTICAL ORGANIZATIONS | 1 | IN-HOUSE | 8111938 |
| REMOTELY MONITORED BATTLEFIELD SENSOR SYSTEM (CIEA) | 1 | BOTH | 8010006 |
| REPLACEMENT SYSTEM - 19 6 | 1 | IN-HOUSE | 8010232 |
| *REQUIREMENTS FOR LASER WEAPON DEVELOPMENT | 5 | IN-HOUSE | 8111930 |
| RESPONSIVE COST METHODOLOGY DEVELOPMENT | 3 | IN-HOUSE | 8001923 |
| SELF PACING FLIGHT TRAINING PROGRAMS | 1 | IN-HOUSE | 8111926 |

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FY81 STUDIES

| STUDY TITLE | CATEGORY | METHOD | STUDY # |
|---|----------|----------|---------|
| SELF SERVICE SUPPLY CENTER (SSSC) AND QUICK SUPPLY STORE (QSS) | 4 | IN-HOUSE | 8001940 |
| SELF-DEPLOYABILITY OF ARMY AIRCRAFT | 3 | IN-HOUSE | 8001903 |
| SENSOR MIX STUDY | 7 | IN-HOUSE | 8001935 |
| SIGNAL PARAMETRIC ANALYSIS OF POTENTIAL CRITICAL NODES | 7 | BOTH | 8111829 |
| *STINGER INITIAL SCREENING TRAINING EFFECTIVENESS ANALYSIS (ISTEA) | 1 | BOTH | 8111838 |
| STRUCTURING THE DIVISION FOR CONTINUOUS OPERATIONS | 3 | IN-HOUSE | 8111929 |
| SURFACE LAUNCHED UNIT F EL AIR EXPLOSIVE CLEA UPDATE | 5 | IN-HOUSE | 8001880 |
| TACFIRE SIMULATOR DEVELOPMENT | 3 | IN-HOUSE | 8010470 |
| TACTICAL OPERATIONS SYSTEM (TOS) AT CORPS AND SUBORDINATE ECHELONS (CASE) REQUIREMENTS DEFINITION | 3 | CONTRACT | 7910443 |
| TACTICAL WHEELED VEHICLE FLEET STUDY | 4 | BOTH | 8001431 |
| TARGET ACQUISITION/DESIGNATION AERIAL RECON SYSTEM CLEA | 1 | IN-HOUSE | 8001860 |
| TECHNICAL INTERFACE CONCEPT (TIC) ON THE 3 CORPS BATTLEFIELD | 3 | IN-HOUSE | 7910447 |
| TECHNICAL SUPPORT REQUIREMENTS FOR AIR DEFENSE ANALYSIS | 5 | IN-HOUSE | 8010112 |
| TECHNOLOGY ASSESSMENT | 5 | BOTH | 8002211 |
| TERMINALLY GUIDED SUBMISSILE (GSA) | 3 | IN-HOUSE | 8111874 |
| TEST CRITERIA FOR NON-KILLER WEAPON SYSTEMS | 5 | IN-HOUSE | 8111924 |
| TEST STUDY ON 60/30 JOINT BASIC SCENARIO FOR MINE COMBAT | 5 | IN-HOUSE | 8001893 |
| THE CAPTAINS MINISTRY DURING MOBILIZATION | 1 | IN-HOUSE | 8002212 |
| *THREAT AMMUNITION LOGISTICS CAPABILITIES | 3 | IN-HOUSE | 8111922 |

TRAINING AND DOCTRINE COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| THREE LEVEL MARINE MAINTENANCE STUDY | 4 | IN-HOUSE | 8111912 |
| TRADOC MODEL IMPROVEMENT PROGRAM | 5 | 30TH | 7911032 |
| TRADOC RAM DATA EVALUATION | 4 | IN-HOUSE | 7910714 |
| TRAINING HELICOPTER INITIAL ENTRY STUDENTS IN SIMULATORS CUEA | 5 | IN-HOUSE | 8001902 |
| *TSR-73 TRAINING SUBSYSTEM EFFECTIVENESS ANALYSIS (CUEA) | 1 | IN-HOUSE | 8111915 |
| UH-60 FLIGHT SIMULATOR (CUEA) | 1 | IN-HOUSE | 7911020 |
| VARIOUS AERIAL GUNNERY TRAINING | 1 | IN-HOUSE | 8111932 |
| VEHICLE MAGNETIC SIGNATURE DUPLICATOR MINI-CUEA | 5 | IN-HOUSE | 8111896 |
| *VEHICLE-MOUNTED-ON-ROAD MINE DETECTOR SYSTEM | 5 | IN-HOUSE | 8111897 |
| VIPER (CUEA) | 1 | IN-HOUSE | 7910009 |
| VIPER/LAW COMPARISON IN COST AND OPERATIONAL PERFORMANCE | 5 | IN-HOUSE | 8001873 |
| *VULNERABILITY OF THE AN/TTC-39 AND AN/TYC-39 | 3 | IN-HOUSE | 8111942 |
| WEAPON SYSTEM REPLACEMENT OPERATIONS | 1 | IN-HOUSE | 7910010 |
| WEAPONS LOCATING RADARS USER'S ASSESSMENT | 3 | IN-HOUSE | 7910450 |
| XM-1 DRIVER TRAINER TRAINING DEVELOPMENT STUDY | 1 | IN-HOUSE | 8001804 |
| XM-1 MAIN GUN TIRE TANK CUEA-FINAL | 4 | IN-HOUSE | 7911022 |
| XM-1 PRODUCT IMPROVEMENT PROGRAM (CUEA) | 2 | IN-HOUSE | 8010182 |
| XM-1 TRAINING DEVELOPMENT | 1 | IN-HOUSE | 7910011 |
| *XM-1 TURRET ORGANIZATIONAL MAINTENANCE TRAINER (CUEA) | 1 | IN-HOUSE | 8111803 |
| XM-1 UNIT CONDUCT OF FIRE TRAINER/ZONE SECTION UNIT TRAINING | 1 | IN-HOUSE | 8111802 |

TRAINING AND DOCTRINE COMMAND
FY81 STUDIES

STUDY TITLE

CATEGORY

METHOD

STUDY #

* INDICATES NEW STUDIES

FORCES COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| FULL TIME SUPPORT (FTS) TO THE RESERVE COMPONENTS (RC FTS) | 1 | IN-HOUSE | 8001335 |

* INDICATES NEW STUDIES

MATERIAL DEVELOPMENT AND READINESS COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| ACQUISITION MANAGEMENT GUIDE FOR TECHNICAL PERSONNEL (APRU 901) | 4 | IN-HOUSE | 8002039 |
| ACQUISITION STRATEGY DEVELOPMENT | 4 | IN-HOUSE | 8010183 |
| ACQUISITION WORKLOAD PROJECTION MODEL | 1 | IN-HOUSE | 8002020 |
| *ADEQUACY OF REPAIR CAPABILITIES DURING WARTIME ENVIRONMENT | 4 | BOTH | 8010082 |
| ADM REMOTE LINK PROG | 2 | CONTRACT | 8002119 |
| ADV TECH MODEL FUZE | 2 | CONTRACT | 8002120 |
| ADVANCEMENT IN MATERIALS TECHNOLOGY | 8 | CONTRACT | 8111981 |
| ADVERTISING CONTRACTING | 4 | IN-HOUSE | 8112033 |
| AIR DEFENSE METHODOLOGY DEVELOPMENT | 5 | CONTRACT | 8002152 |
| *AMETA CONSULTING & ANALYSIS SERVICE | 6 | IN-HOUSE | 8112114 |
| ANALYSIS OF CONTROL SYSTEMS FOR MAJOR AND SECONDARY ITEMS | 4 | IN-HOUSE | 8002050 |
| ANALYSIS OF FREE FLIGHT ROCKET LAUNCHERS AS PASSIVE CONTROL SYSTEMS | 5 | BOTH | 8002123 |
| ANALYSIS OF LOGISTICS MANAGEMENT SYSTEMS | 6 | IN-HOUSE | 8112057 |
| ANALYSIS OF MATERIEL MANAGEMENT | 4 | IN-HOUSE | 8112059 |
| ANALYSIS OF TANK-AUTOMOTIVE SYSTEMS DEVELOPMENT | 5 | IN-HOUSE | 8002160 |
| APPLICATION OF QUANTITY DISCOUNTS IN ARMY PROCUREMENTS (APRU 706) | 4 | IN-HOUSE | 8002012 |
| ARMOR MATERIALS | 8 | CONTRACT | 8001973 |
| ARMORED COMBAT VEHICLE TECHNOLOGY- STUDY (ACVT-2) | 5 | IN-HOUSE | 8002127 |
| *ARMY AND CUSTOMER TOTAL PRODUCTION REQUIREMENTS AND PRIORITY DISTRIBUTION FOR MAJOR ITEMS; COST ANALYSIS; PHASE II | 4 | IN-HOUSE | 7910734 |
| ARMY TACTICAL DATA SYSTEMS INTEROPERABILITY | 5 | IN-HOUSE | 7911071 |

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| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| ARMY FIRE PROGRAM MANAGEMENT SYSTEM | 4 | IN-HOUSE | 8011356 |
| ARRCOM MICRO MODELS | 1 | IN-HOUSE | 8002245 |
| ARTY PROJ G&C SYNTH | 5 | CONTRACT | 8002117 |
| ASSESSMENT OF ARMY'S USE OF CONTRACTOR POST PERFORMANCE ON SOURCE SELECTION DECISIONS (APRU 80-53) | 4 | IN-HOUSE | 8002041 |
| ATE TECHNOLOGY SURVEY | 5 | CONTRACT | 8002126 |
| AUTOMATED BATTLEFIELD SYSTEM PERFORMANCE MODEL | 5 | IN-HOUSE | 8010186 |
| AWARD FEE INFLUENCE ON DUCPL | 4 | IN-HOUSE | 8002017 |
| BARRIER PLAN FEASIBILITY AND EFFECTIVENESS | 2 | IN-HOUSE | 8010251 |
| *BATTLEFIELD ENVIRONMENT OBSCURATION HANDBOOK | 5 | IN-HOUSE | 8111044 |
| BATTLEFIELD SURVIVABILITY REQUIREMENTS EVALUATION | 5 | BOTH | 8002246 |
| BI-DIRECTIONAL FLOW NETWORK MODEL FOR SIMULATING LOG SUPPORT OF REPAIRABLE MATERIAL | 6 | CONTRACT | 8010190 |
| BIOLOGICAL SYSTEMS ARCHITECTURE STUDY | 5 | IN-HOUSE | 8002066 |
| *BRIDGE ERECTION BOAT, 27 FOOT | 4 | CONTRACT | 8112075 |
| CARMONETTE VULNERABILITY ANALYSIS | 5 | IN-HOUSE | 7911045 |
| GERCOM LOGISTICS/LIFE CYCLE COST MODEL | 4 | IN-HOUSE | 7910086 |
| CHAFF | 5 | BOTH | 8002130 |
| CM/COM FOR CS | 5 | BOTH | 8002131 |
| *CM/COM FOR LASERS | 5 | BOTH | 8112134 |
| *CM/COM FOLIOY | 5 | BOTH | 8112136 |
| *COLLAPSIBLE FUEL TANKS | 4 | CONTRACT | 8112070 |
| COMBAT PL/ASE METHODOLOGY | 4 | IN-HOUSE | 8002005 |

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| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| COMPARISON OF CFE VS GFE USAGE | 4 | IN-HOUSE | 8002026 |
| COMPETITION SAVINGS: PRODUCTION BASE SIZE | 4 | IN-HOUSE | 8002014 |
| COMPUTER IMAGE GENERATED AREA OF INTEREST | 5 | BOTH | 7910193 |
| CONSOLIDATION OF OOD CALIBRATION ACTIVITIES | 6 | IN-HOUSE | 7910194 |
| CONTINUED DEVELOPMENT OF LOGISTICS ANALYSIS MODEL (LOGAM) - DOCUMENTATION OF USER & PROGRAMMER MANUALS & INCORPORATION OF SESAME EQUATIONS | 5 | CONTRACT | 8002155 |
| CONTINUED DEVELOPMENT OF LOGISTICS ANALYSIS MODEL (LOGAM) - DEVELOP AND INCORPORATE OUTPUT FORMATS | 5 | CONTRACT | 8002156 |
| CONTINUED DEVELOPMENT OF LOGISTICS ANALYSIS MODEL (LOGAM) - AUTOMATION OF JOL INPUTS AND ADDITION OF RISK ANALYSIS SUBROUTINE | 5 | CONTRACT | 8002157 |
| CONTRACTOR MOTIVATION | 4 | IN-HOUSE | 8002022 |
| CONTRACTOR PRODUCTION EFFICIENCY | 4 | IN-HOUSE | 8112037 |
| CORADCOM BASELINE STUDY | 1 | IN-HOUSE | 8002162 |
| COST ANALYSIS FUNCTION | 5 | IN-HOUSE | 8002164 |
| DARCOM ENGINEERING DESIGN HANDBOOK PROGRAM | 6 | IN-HOUSE | 8002110 |
| DARCOM MASTER PLAN FOR AUTOMATED LOGISTICS MANAGEMENT SYSTEMS | 4 | IN-HOUSE | 8002239 |
| DATA BASE FOR RICH ORIENTED PROBLEMS | 4 | IN-HOUSE | 7910316 |
| DECENTRALIZATION OF CONTRACTING AUTHORITY | 6 | IN-HOUSE | 8112032 |
| DESCOM TOOL CRIS/Self-SERVICE SUPPLY CENTER ANALYSIS | 6 | IN-HOUSE | 7910197 |
| DESIGN OF A PRIORITIZED DEPOT SCHEDULE SYSTEM FOR SECONDARY ITEM REPAIR | 4 | IN-HOUSE | 7910198 |

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| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| DETERMINATION OF ROCKET EXHAUST FLOW FIELD FOR A TIP-OFF LAUNCH TUBE | 5 | BOTH | 8002122 |
| DETERMINE, DOCUMENT, AND ESTABLISH ELECTRONIC POWER SUPPLY (EPS) OFF-THE-SHELF PRODUCT LINE | 6 | BOTH | 7910088 |
| DOD GENERATOR SET, 15KW, 60HZ | 4 | CONTRACT | 8212079 |
| *DOD GENERATOR SET, 30KW 60HZ | 4 | CONTRACT | 8112074 |
| DOD GENERATOR SET, 3KW, 60HZ | 4 | CONTRACT | 8012080 |
| *ELECTRONIC WARFARE SYSTEMS STUDY | 5 | IN-HOUSE | 8112150 |
| ENERGETIC MATERIALS RESEARCH | 5 | CONTRACT | 8002115 |
| ESPANS | 2 | CONTRACT | 8002116 |
| *EVALUATE & IMPROVE LOGISTIC SUPPORT COST PARAMETERS | 4 | BOTH | 8112086 |
| EVALUATION OF KARLSRUHE BASE OPERATIONS SUPPORT (KASOPS) | 4 | IN-HOUSE | 8002240 |
| EVALUATION OF PROVISIONING PROCEDURES | 4 | IN-HOUSE | 7910740 |
| EXISTING AND DEVELOPMENT EQUIPMENT CHARACTERISTICS | 6 | BOTH | 8002170 |
| EXPANDED OPPORTUNITIES FOR COMPETITION | 4 | IN-HOUSE | 8002018 |
| EXPEDITED RETURN OF MAJOR ITEM EXCESSES | 4 | IN-HOUSE | 8010741 |
| FAT INFORMATION MANAGEMENT PROGRAM | 4 | IN-HOUSE | 8002013 |
| FAILURE FACTORS FOR CONTINGENCY PLANNING | 4 | IN-HOUSE | 7910199 |
| FEASIBILITY OF SERIAL NUMBER CONTROL OF MAJOR ITEMS | 4 | IN-HOUSE | 8010757 |
| FINANCIAL MANAGEMENT ANALYSES | 6 | IN-HOUSE | 8112060 |
| FINANCIAL MANAGEMENT OF THE ARMY STOCK FUNDS | 4 | IN-HOUSE | 8002000 |
| FIRE CONTROL CONCEPTS FOR MANEUVERING TARGETS | 5 | CONTRACT | 8002128 |

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| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| FORECASTING ARMY BUDGET COMMITMENTS AND OBLIGATIONS | 4 | IN-HOUSE | 8002016 |
| FORECASTING METHODS FOR PARTS SUPPORT OF DEPOT OVERHAUL | 4 | IN-HOUSE | 7910742 |
| FOREIGN MATERIEL EXPLOITATION | 8 | CONTRACT | 8001977 |
| *FOREIGN MILITARY SALES COLLOCATION PROBLEMS | 4 | IN-HOUSE | 8112036 |
| FREQUENCY OF OUT OF TOLERANCE HEADSPACE IN 20MM WEAPONS | 6 | IN-HOUSE | 7901350 |
| FUNCTIONAL ARMY MANPOWER EVALUATION | 6 | IN-HOUSE | 8002101 |
| FUZE IMPACT RESPONSE | 5 | CONTRACT | 8002121 |
| GOOD COMPETITION | 4 | IN-HOUSE | 8002030 |
| GRAPHICS | 8 | CONTRACT | 8001978 |
| GROUND FORCES R&D RESOURCES | 8 | CONTRACT | 8001980 |
| *GUARD RAIL V | 4 | CONTRACT | 8112072 |
| HANDBOOK | 6 | BOTH | 8002139 |
| HIMAG HIRPRO MOD DEV - USA | 5 | CONTRACT | 8002163 |
| HISTORY OF THE EFFECTIVENESS OF US JW FORCES WITH EMPHASIS ON MATERIEL PERFORMANCE | 5 | IN-HOUSE | 8002147 |
| IFVS SHOULD COST ANALYSIS | 4 | IN-HOUSE | 8002029 |
| IMPACT ANALYSIS PROGRAM | 2 | CONTRACT | 8002116 |
| IMPACT OF IMPROVED SURVIVABILITY ON THE FORCE STRUCTURE | 5 | IN-HOUSE | 8001352 |
| IMPACT OF TACTICAL GUIDED MISSILE THREAT IN A NUCLEAR ENVIRONMENT | 5 | CONTRACT | 8001355 |
| IMPACT ON DFRUM OF NONSTANDARD MILES | 4 | IN-HOUSE | 8002055 |
| IMPLEMENTING GUIDANCE FOR LOGISTIC SUPPORTABILITY TEST AND EVALUATION | 6 | IN-HOUSE | 8011248 |
| IMPROVED DEFAULT PROCEDURES | 4 | IN-HOUSE | 8011256 |

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| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| INCREASING PRODUCTIVITY AND REDUCING COST THROUGH CAPITAL INCENTIVES | 4 | IN-HOUSE | 8002023 |
| INFLUENCE OF REQUIREMENTS UNCERTAINTY ON SYSTEMS COST ESTIMATING | 4 | IN-HOUSE | 8002026 |
| INFRARED CAMOUFLAGE PAINTS | 5 | BOTH | 8002187 |
| INTEGRATED ACQUISITION SUPPORT | 4 | IN-HOUSE | 8002027 |
| INTERNATIONAL LOGISTICS PROGRAM ANALYSIS | 4 | IN-HOUSE | 8112082 |
| ISTA ARCHITECTURE | 5 | BOTH | 8002129 |
| ITEM ESSENTIALITY IN COM | 6 | IN-HOUSE | 8010091 |
| *ITRI STORAGE AND SERVICE STANDARDS | 6 | CONTRACT | 8112090 |
| JUSTICE DEPT WORK MEASUREMENT PROJ | 6 | IN-HOUSE | 8002094 |
| *LACV-30 | 4 | CONTRACT | 8112071 |
| *LANTCOM INT DATA BASE DESIGN | 5 | IN-HOUSE | 8112254 |
| LOGISTICAL SUPPORT REQUIREMENTS FOR CHEMICAL WARFARE OPERATION, PA-S NO.80-3 | 4 | IN-HOUSE | 8112067 |
| LOGISTICS SUPPORTABILITY DEMONSTRATION, TEST, AND EVALUATION | 6 | IN-HOUSE | 7910092 |
| MAGNETOHYDRODYNAMICS R&D AND PULSED POWER FOR DIRECTED ENERGY WEAPONS-USSR | 8 | CONTRACT | 8001974 |
| MAINTENANCE FLOAT AVAILABILITY DURING WARTIME ENVIRONMENT | 4 | BOTH | 8010093 |
| MAJOR ITEM PRICE UPDATE PROCEDURES (MIPUP) | 6 | IN-HOUSE | 8002048 |
| MANAGEMENT OF LOW DEMAND ITEMS | 6 | IN-HOUSE | 8010259 |
| MANAGEMENT OF WHOLESALE STOCKS BY WEAPONS SYSTEM | 4 | IN-HOUSE | 7910094 |
| MATERIAL DEVELOPMENT | 6 | CONTRACT | 8112044 |
| *MATERIALS HANDLING AND PROCESSING | 4 | CONTRACT | 8101347 |
| MEASUREMENT PROJECT | 6 | IN-HOUSE | 8002093 |

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FY61 STUDIES

| STUDY TITLE | CATEGORY | METHOD | STUDY # |
|--|----------|----------|---------|
| METHODOLOGIES TO ADJUST STANDARD PRICE TO VARIOUS USES | 4 | IN-HOUSE | 8010262 |
| METHODOLOGY FOR ESTIMATING USEFUL LIFE | 5 | IN-HOUSE | 8010271 |
| METHODOLOGY FOR LOGISTIC SUPPORTABILITY EVALUATION | 5 | IN-HOUSE | 7911046 |
| MILITARY FUNCTIONAL REQUIREMENT ANALYSIS | 5 | BOTH | 8002171 |
| MILLIMETER WAVE | 5 | BOTH | 8002144 |
| MISSILE TECHNOLOGY/GSE-ROCKET EXHAUST EFFECTS | 5 | BOTH | 7910283 |
| *MRI-75 FIELD KITCHEN | 4 | CONTRACT | 8112203 |
| *MTOE MISMATCH AND ITEM IDENTIFICATION IN POMCUS UNITS | 4 | IN-HOUSE | 8002051 |
| MULTISPEC. SCREEN | 5 | BOTH | 8112145 |
| *MONITOR SURVEILLANCE PROGRAM | 4 | IN-HOUSE | 8112069 |
| NON MAJOR PROJECT CONSULTING ADVICE AND TECHNICAL EVALUATION IN THE ADMINISTRATIVE MANAGEMENT AREA | 5 | IN-HOUSE | 8002111 |
| NON MAJOR PROJECT CONSULTING ADVICE AND TECHNICAL EVALUATION IN THE SYSTEMS ENGINEERING AREA | 6 | IN-HOUSE | 8002112 |
| NON MAJOR PROJECT CONSULTING ADVICE AND TECHNICAL EVALUATION IN THE QUALITY ASSURANCE AREA | 6 | IN-HOUSE | 8002113 |
| NON-RECORDING DEMANDS | 4 | IN-HOUSE | 7910238 |
| OBSERVANTS | 5 | BOTH | 8002141 |
| OFF-THE-SHELF TIME ECONOMIC ANALYSIS FOR SPECTRUM ANALYZERS | 4 | CONTRACT | 8011348 |
| OPERATING REQUIREMENTS FOR FORWARD AREA DATA TRANSMISSION | 5 | IN-HOUSE | 8011068 |
| OPERATIONAL ANALYSIS, WEAPON SYSTEMS EFFECTIVENESS AND COMB. SUPPORT | 5 | CONTRACT | 8002154 |

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| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| OPERATIONAL EFFECTIVENESS ANALYSIS OF A LONG RANGE FIELD ARTILLERY SURFACE TO SURFACE WEAPON SYSTEM | 5 | CONTRACT | 8002153 |
| OPERATIONAL EFFECTIVENESS EVALUATION OF WHEELED COMBAT VEHICLES | 2 | BOTH | 7910289 |
| OPERATIONAL FLUTZERPSE TRADE-OFFS | 4 | IN-HOUSE | 8002246 |
| OPERATIONAL READINESS ORIENTED LOGISTIC SUPPORT MODEL | 4 | IN-HOUSE | 7910746 |
| *JROC ANALYSIS OF THE ARMY TRAINING SUPPORT CENTER | 6 | IN-HOUSE | 8112253 |
| PATRICE | 4 | IN-HOUSE | 8002019 |
| POOR CONTRACTUAL PERFORMANCE AND REMEDIAL ALTERNATES | 4 | IN-HOUSE | 8112036 |
| PREDICTION OF CASUALTY AND MEDICAL WORKLOADS | 3 | IN-HOUSE | 7910484 |
| PRESSENTATION OF THE ARMY ACQUISITION PROGRAM | 6 | IN-HOUSE | 8112035 |
| *PROCUREMENT APPROPRIATION FUNDS USAGE POLICIES | 4 | IN-HOUSE | 8002055 |
| PRODUCTION CAS. LAYAWAY AND MAINTENANCE DATA BASE | 6 | IN-HOUSE | 7901351 |
| PRODUCTION RATE, LEARNING CURVE AND WEAPON SYSTEM COST | 4 | IN-HOUSE | 8002021 |
| PROFIT NEGOTIATIONS AND PROMOTION OF CONTRACTOR EFFICIENCY | 4 | IN-HOUSE | 8002024 |
| PROPOSAL EVALUATION AND SOURCE SELECTION TECHNIQUES | 4 | IN-HOUSE | 8002015 |
| PROVISIONING OF PROCUREMENT FUNDED SECONDARY ITEMS | 4 | IN-HOUSE | 8002054 |
| PUSH SYSTEM FOR MAJOR ITEMS | 4 | IN-HOUSE | 8002092 |
| QUANTIFY MILITARY WORTH OF ALTERNATIVE COUNTERMINE SYSTEMS | 5 | BOTH | 8112346 |
| QUANTITATIVE ENERGY ASSIGNMENT | 5 | BOTH | 8002249 |

MATERIAL DEVELOPMENT AND READINESS COMMAND
FY81 STUDIES

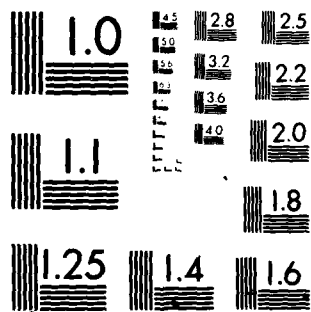
| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| R&D INITIATIVES | 5 | BOTH | 8002189 |
| RADAR STUDIES | 5 | CONTRACT | 8002146 |
| RADAR TECHNOLOGY | 5 | IN-HOUSE | 8002143 |
| *RADIO REPLACEMENT DURING WARTIME ENVIRONMENT | 4 | CONTRACT | 8112091 |
| RC-120 SUPPORT OPTIMIZATION | 2 | CONTRACT | 8001354 |
| REACTIVATION NETWORKS | 6 | IN-HOUSE | 7910303 |
| READINESS ANALYSIS | 4 | IN-HOUSE | 8112055 |
| READINESS OF ARMY RADIOS (ROAR) | 5 | IN-HOUSE | 7911066 |
| REAL BATTLEFIELD | 5 | BOTH | 8002137 |
| REASONS FOR LATTER CONTRACTS | 4 | IN-HOUSE | 7910304 |
| RELATING ACQUISITION AND CONTRACT PLANNING | 4 | IN-HOUSE | 7910749 |
| RELATIONSHIP BETWEEN MUZZLE POSITION AND BROUND IMPACT | 5 | IN-HOUSE | 8011069 |
| *RELIABILITY CENTERED MAINTENANCE (RCM) FOR THE SHORT HAUL | 4 | BOTH | 8010305 |
| RELIABILITY CENTERED MAINTENANCE COST BENEFIT ANALYSIS | 4 | IN-HOUSE | 7910761 |
| RESHAPE IMPLEMENTATION PLAN | 6 | IN-HOUSE | 8002161 |
| SEA DEVICE DESIGN | 5 | CONTRACT | 8002178 |
| SEA EFFORTS | 6 | IN-HOUSE | 8002042 |
| SEA SUPPORT FOR LATE | 1 | IN-HOUSE | 8002043 |
| SECURITY ASSISTANCE PROCEDURES IN WARTIME | 4 | IN-HOUSE | 8002063 |
| SENSOR SYSTEM STUDY | 5 | IN-HOUSE | 8002145 |
| SIGNATURES | 5 | BOTH | 8002132 |
| *SINGARS (C1) | 5 | BOTH | 8112155 |

OFFICE OF THE CHIEF OF STAFF (ARMY) WASHINGTON DC MA--ETC F/G 5/9
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MATERIAL DEVELOPMENT AND READINESS COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| SINGLE PRICING FOR MAJOR ITEMS IN FMS | 4 | IN-HOUSE | 8010307 |
| SOLID STATE PHYSICS | 8 | CONTRACT | 8111983 |
| SOVIET SCIENTIFIC & TECHNICAL APPLICATIONS ENGINEERING IN ELECTRONICS | 8 | CONTRACT | 8111979 |
| SOVIET/MP GROUND FORCES TACTICAL COMMAND & CONTROL | 8 | CONTRACT | 8111982 |
| STANDARD SYSTEM FOR COMPUTING SECONDARY ITEM WAR RESERVES CONCEPT STUDY | 4 | IN-HOUSE | 8002004 |
| STARTLE | 5 | BOTH | 8002140 |
| STOCK AVAILABILITY OF REPAIR PARTS FOR RADIO UNITS | 4 | BOTH | 8112087 |
| SUITABILITY OF CERTAIN DSS PROCEDURES FOR IL CUSTOMERS | 4 | IN-HOUSE | 8010311 |
| SUMMARY OF ANALYSIS OF BATTLEFIELD AUTOMATED SYSTEMS (BAS) TEST CAPABILITIES | 5 | IN-HOUSE | 8002241 |
| SUPPLY CONTROL STUDY | 4 | IN-HOUSE | 8002006 |
| SUPPLY PERFORMANCE INDICATORS | 4 | IN-HOUSE | 8010313 |
| SUPPORT FOR DARGCOM COMMANDER AND DIRECTORS | 4 | IN-HOUSE | 8112068 |
| SUPPORT OF DARGCOM MAJOR SUBORDINATE COMMANDS | 4 | IN-HOUSE | 8112061 |
| SUPPORT OF RATIONALIZATION/ STANDARDIZATION/INTEROPERABILITY (RSI) EFFORTS | 5 | IN-HOUSE | 7911052 |
| *SURGE MOBILIZATION PLANNING | 4 | CONTRACT | 8112243 |
| SUSCEPTIBILITY TO EG JAMMING | 5 | BOTH | 8002142 |
| SUSTAINABILITY PREDICTIONS FOR ARMY SPARE COMPONENT REQUIREMENTS FOR COMBAT (SPARC) | 4 | IN-HOUSE | 7910752 |
| SYSTEM ANALYSIS STUDIES | 4 | IN-HOUSE | 8001993 |

**MATERIAL DEVELOPMENT AND READINESS COMMAND
FY81 STUDIES**

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| *SYSTEM AND MODEL DEVELOPMENT | 5 | BOTH | 8002177 |
| SYSTEMS ANALYSIS OF CANNON DAMAGE IN THE M110/M110A1 SYSTEMS | 4 | IN-HOUSE | 7910314 |
| SYSTEMS ASSESSMENT PROGRAM | 6 | CONTRACT | 8002089 |
| SYSTEMS ASSESSMENTS | 4 | IN-HOUSE | 8001992 |
| TANK BASELINE DATA COLLECTION AND EVALUATION | 4 | IN-HOUSE | 8002242 |
| TARGET ACQUISITION AND ENGAGEMENT MODEL MODIFICATION | 5 | CONTRACT | 7910098 |
| *TARGET ACQUISITION PERFORMANCE ESTIMATES 5 AND SENSITIVITIES (TAPES) | | IN-HOUSE | 8112149 |
| TERRAIN MODELS | 5 | BOTH | 8002133 |
| THERMAL SYSTEMS | 5 | BOTH | 8002138 |
| TIDE REPLACEMENT STUDIES | 6 | IN-HOUSE | 7910100 |
| TRANSLATIONS OF FOREIGN PUBLICATIONS | 8 | CONTRACT | 8001976 |
| *TREATMENT OF ITEM ESSENTIALITY IN CCSS | 4 | IN-HOUSE | 8112007 |
| TREATMENT OF SERVICEABLE RETURNS IN SUPPLY CONTROL STUDIES | 6 | IN-HOUSE | 8010233 |
| UNIFORM STATEMENT OF WORK FORMAT (APRO 80-09) | 4 | IN-HOUSE | 8002029 |
| UPDATING FAILURE FACTORS | 4 | IN-HOUSE | 8002003 |
| VARIABLE COST TO ORDER | 1 | IN-HOUSE | 7901357 |
| WARTIME MAINTENANCE WORKLOAD IN EUROPE | 4 | IN-HOUSE | 7910762 |

* INDICATES NEW STUDIES

COMMUNICATIONS COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| ANALYSIS OF WRITER-TO-READER DATA | 6 | IN-HOUSE | 7911146 |
| STUDY OF SURVIVABILITY AND VULNERABILITY OF HIGH PRIORITY SYSTEMS IN AN ELECTRONIC WARFARE ENVIRONMENT | 5 | BOTH | 7911084 |
| *USER COMMUNITY SIMULATOR COMMUNICATIONS SEGMENT | 5 | CONTRACT | 8111074 |

* INDICATES NEW STUDIES

**MILITARY TRAFFIC MANAGEMENT COMMAND
FY81 STUDIES**

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| ANALYSIS OF SIMULATED DEPLOYMENT OF THE 2ND ARMORED DIVISION TO EUROPE | 4 | IN-HOUSE | 8010779 |
| DIV 86 DEPLOYABILITY ANALYSIS | 4 | IN-HOUSE | 8001818 |
| MOBILIZATION ANALYSIS AND PLANNING | 4 | BOTH | 8001820 |
| MOTSU MOBILIZATION PLANNING ANALYSIS | 4 | IN-HOUSE | 8001819 |
| SAFE TRANSPORT OF MUNITIONS (STROM) | 4 | IN-HOUSE | 7910775 |
| UPDATED ANALYSIS OF SIMULATED DEPLOYMENT OF THE 4TH INFANTRY DIVISION (MECHANIZED) TO EUROPE | 4 | IN-HOUSE | 7910776 |
| UPDATED ANALYSIS OF SIMULATED DEPLOYMENT OF THE 6TH CAVALRY BRIGADE (AIR COMBAT) TO EUROPE | 4 | IN-HOUSE | 7910777 |
| UPDATED ANALYSIS OF SIMULATED DEPLOYMENT OF THE 101ST AIRBORNE DIVISION (AIRMObILE) TO EUROPE | 4 | IN-HOUSE | 7910778 |

* INDICATES NEW STUDIES

HEALTH SERVICES COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| *ASSESSING DENTAL NEEDS OF ARMY RECRUITS | 1 | IN-HOUSE | 8111768 |
| CHILD PROTECTION AND CASE MANAGEMENT TEAM PERFORMANCE EVALUATION TOOL (CPCMT) | 6 | IN-HOUSE | 8011113 |
| DEVELOPMENT OF MEDICAL MANPOWER AUTHORIZATION ON CRITERIA (MACRIT) PLANNING FACTORS | 1 | IN-HOUSE | 8111762 |
| EVALUATION OF AUTOMATED BAR CODE RECORDER AND TRANSMITTER DEVICE FOR WORKLOAD REPORTING FROM DENTAL TO CONTROL PROCESSING FACILITIES | 6 | IN-HOUSE | 8010319 |
| EVALUATION OF CURRENTLY USED DENTAL MANAGEMENT INDICATORS AND DEVELOPMENT OF NEW MANAGEMENT AND PERFORMANCE INDICATORS | 6 | IN-HOUSE | 8010320 |
| EVALUATION OF PHYSICIAN EXTENDERS AND PARAPROFESSIONAL PERSONNEL STUDY | 6 | IN-HOUSE | 8111763 |
| *EVALUATION STUDY OF THE FAMILY NURSE PRACTITIONERS | 6 | IN-HOUSE | 8111769 |
| FIELD UNIT READINESS STUDY | 6 | IN-HOUSE | 8011124 |
| HEALTH SCREENING FOR REMOTE ASSIGNMENTS | 6 | IN-HOUSE | 8011125 |
| *IMPACT EVALUATION ON THE ROTATION OF POTENCY DATED AND SHELF LIFE ITEMS IN WAR RESERVES | 4 | IN-HOUSE | 8111761 |
| *IMPACT OF DENTAL EDUCATION OPPORTUNITIES FOR DENTAL ENLISTED PERSONNEL | 6 | IN-HOUSE | 8111771 |
| MEDICAL DEVELOPMENT AND INVESTIGATIONS IMPLICATIONS STUDY (MEDITS) | 6 | IN-HOUSE | 8111760 |
| MEDICAL RECORDS SYSTEM DEVELOPMENT | 6 | IN-HOUSE | 8111766 |
| NURSING CARE HOUR STANDARDS (PART I) | 1 | IN-HOUSE | 7910033 |
| *NURSING CARE HOUR STANDARDS (PART II) | 1 | IN-HOUSE | 8110035 |
| OPTIMUM OPERATING HOURS FOR AMBULATORY CLINICS | 6 | IN-HOUSE | 7911106 |
| OPTIMUM STAFF TO SUPPORT PHYSICIANS IN AN OUTPATIENT CLINIC | 1 | IN-HOUSE | 8010137 |

HEALTH SERVICES COMMAND
FY61 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| *ORGANIZATIONAL EFFECTIVENESS AND PATIENT CARE QUALITY (OE&PCQ) | 6 | IN-HOUSE | 8111129 |
| *PREVENTIVE DENTISTRY EFFECTIVENESS AND EFFICIENCY STUDY | 6 | IN-HOUSE | 8111765 |
| *SUPPLY CONSUMPTION-CLASS VIII FACTOR | 4 | IN-HOUSE | 8111764 |
| SYSTEM FOR ACCOUNTABILITY OF RESOURCE REQUIREMENTS IN OUTPATIENT MEDICAL PROCEDURES (SAROMP) | 6 | IN-HOUSE | 7911108 |
| UNIFORM CHART OF ACCOUNTS PERSONNEL UTILIZATION SYSTEM EVALUATION | 6 | IN-HOUSE | 8010116 |
| *USE OF MULTIPLE OPERATORIES IN DENTAL DELIVERY | 6 | IN-HOUSE | 8111770 |
| *UTILIZATION STUDY OF NURSE PRACTITIONERS IN EMERGENCY MEDICAL TREATMENT | 6 | IN-HOUSE | 8111767 |

* INDICATES NEW STUDIES

**INTELLIGENCE AND SECURITY COMMAND
FY81 STUDIES**

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| AIR THREAT TO CENTRAL EUROPE - 1980 | 7 | IN-HOUSE | 8011232 |
| *ARMY LONG RANGE ENVIRONMENTAL PROJECTIONS -(ALREP) 1981-2001 | 7 | BOTH | 8111231 |
| GROUND AIR DEFENSE THREAT (GADT) | 7 | BOTH | 8011215 |
| INSCOM ADP CAPABILITIES & USAIFAC INTELLIGENCE & THREAT PRODUCTS | 7 | BOTH | 8001944 |
| INVESTIGATION OF METHODOLOGIES AND TECHNIQUES FOR INTELLIGENCE ANALYSIS-PHASE II | 7 | CONTRACT | 8110255 |
| *OVERVIEW OF WP EXERCISES AND TRAINING | 7 | IN-HOUSE | 8111236 |
| *PROJECTION OF SOVIET ELECTRONIC WARFARE TACTICS, ORGANIZATION, AND EMPLOYMENT | 7 | BOTH | 8111237 |
| *PROJECTION OF SOVIET/WARSAW PACT CHEMICAL WARFARE CAPABILITIES AND EMPLOYMENT | 7 | BOTH | 8111238 |
| SOVIET MILITARY OPERATIONS - AFGHANISTAN | 7 | IN-HOUSE | 8001336 |
| SOVIET OFFENSIVE FORCE REQUIREMENTS IN CENTRAL EUROPE | 7 | IN-HOUSE | 8011225 |
| SOVIET TACTICAL NUCLEAR STUDY II (STANS II) | 7 | BOTH | 7910081 |
| *SOVIET TACTICAL NUCLEAR STUDY III (STANS III) | 7 | BOTH | 8111214 |
| *SOVIET/WARSAW PACT GROUND FORCE SUSCEPTIBILITIES | 7 | BOTH | 8111262 |
| TACTICAL AND STRATEGIC AIR-TO-SURFACE MISSILES (UPDATED) | 7 | BOTH | 8011216 |
| *THREAT ANALYSIS METHODOLOGY FOR THE PROJECTION OF SOVIET DOCTRINE TACTICS AND ORGANIZATION | 7 | BOTH | 8111229 |
| THREAT DEVELOPMENT SUPPORT TO TRITAL | 7 | BOTH | 8001943 |
| WARSAW PACT CAPABILITIES AND INTENTIONS TO INTERDUCT NATO REAR AREA | 7 | IN-HOUSE | 8011250 |

INTELLIGENCE AND SECURITY COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| WARSAW PACT REPAIR, RECOVERY AND EVACUATION SYSTEM | 7 | IN-HOUSE | 7911218 |

* INDICATES NEW STUDIES

CHIEF OF ENGINEERS
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|--|-----------------|---------------|----------------|
| BASE REALIGNMENT STUDY | 4 | IN-HOUSE | 8010158 |
| CFC ENGINEER ASSESSMENT | 3 | IN-HOUSE | 8010159 |
| *LFC LDC ANALYSIS | 4 | IN-HOUSE | 8110161 |
| CORPS MOBILIZATION MISSIONS EXTENSIONS | 2 | IN-HOUSE | 8010163 |
| CORPS OF ENGINEERS MOBILIZATION MISSION | 2 | IN-HOUSE | 7910260 |
| ENVIRONMENTAL MANAGEMENT INFORMATION SYSTEM | 6 | IN-HOUSE | 8112233 |
| FASCAM ASSESSMENT | 2 | IN-HOUSE | 8010332 |
| KOREA TUNNEL STUDY | 7 | IN-HOUSE | 8010114 |
| MID-EAST BASE DEVELOPMENT | 4 | CONTRACT | 8002229 |
| *MOBILITY/COUNTER-MOBILITY SYSTEMS PROGRAM REVIEW | 4 | IN-HOUSE | 8112195 |
| NATIONAL CAPITAL REGION BASELINE STUDY | 1 | IN-HOUSE | 8002196 |
| PEACETIME DEFENSIVE PREPARATIONS | 2 | IN-HOUSE | 8010160 |

* INDICATES NEW STUDIES

RECRUITING COMMAND
FY61 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| DEUS MODEL | 6 | CONTRACT | 8002190 |
| *MODEL FOR RESERVE OBJECTIVE ASSIGNMENT | 6 | BOTH | 8112189 |
| OPERATIONAL DEMOGRAPHIC ANALYSIS | 1 | CONTRACT | 8010334 |
| USAREC/USAR MARKET STUDY | 6 | IN-HOUSE | 8002191 |

* INDICATES NEW STUDIES

MILITARY ENLISTMENT COMMAND
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|------------------------------------|-----------------|---------------|----------------|
| *ASVAB CASE BOOK | 2 | BOTH | 8112187 |
| ASVAB TEST RETEST STUDY | 2 | BOTH | 8002181 |
| *ASVAB UNIVERSITY PACKAGE | 2 | BOTH | 8112186 |
| *CAT PROTOTYPE EVALUATION | 2 | BOTH | 8112185 |
| IN-SCHOOL VALIDATION OF ASVAB | 2 | BOTH | 8002179 |
| INDUSTRIAL VALIDATION | 2 | BOTH | 8002182 |
| POST SECONDARY VALIDATION OF ASVAB | 2 | BOTH | 8002180 |

* INDICATES NEW STUDIES

UNITED STATES MILITARY ACADEMY
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|---|-----------------|---------------|----------------|
| INCREASING USMA ENROLLMENT OF WELL-QUALIFIED BLACK MEN AND WOMEN | 1 | CONTRACT | 8002220 |

* INDICATES NEW STUDIES

UNITED STATES ARMY EUROPE
FY81 STUDIES

| <u>STUDY TITLE</u> | <u>CATEGORY</u> | <u>METHOD</u> | <u>STUDY #</u> |
|-------------------------------|-----------------|---------------|----------------|
| HARDENING CORPS COMMAND POSTS | 2 | CONTRACT | 7910291 |

* INDICATES NEW STUDIES

APPENDIX A

ARMY STUDY COORDINATORS

1. Each Army Staff agency and major command has designated a Study Coordinator whose duties include --

a. Advising the agency head or commander on all matters concerning the conduct and administration of studies, and the resources (dollars and man-years) required for studies.

b. Developing an annual agency/command study program and supporting study budget.

c. Serving as the agency or command point of contract for outside agencies on all study matters.

d. Monitoring the agency or command study requirements.

e. Assisting Study Advisory Group members and study action officers in the management of the individual study efforts.

2. A current listing of Army Study Coordinators is provided at page A-2.

| AGENCY | NAME | SYMBOL | TELEPHONE* | LOCATION** |
|------------|-------------------|-------------|------------|---|
| DUSA(OR) | MR. D.M. LESTER | SAUS-OR | 50384 | 2E621 |
| OCPA | LTC R.E. LAKE | SAPA-PPD | 74739 | 2E637 |
| OCSA | DR. F.P. DUNN | DACS-DMO*** | 70026 | 3D618 |
| DCSOPS | LTC D.H. CONRAD | DAMO-ZD | 79090 | 3A538 |
| DCSPER | MR. A.J. DANIELS | DAPE-ZBR | 76842 | 2C733 |
| DCSLOG | MR. H. WELLS | DALO-PLF | 53320 | 2C564 |
| DCSRDA | CPT R. MASON | DAMA-PPM-A | 53664 | 3C366 |
| COA | MR. A.A. LANDINI | DACA-RPM | 75661 | 3B725 |
| ACSI | MR. M.T. KELLY | DAMI-ZD | 72298 | 2E464 |
| ACSAC | MR. L.O. SAUNDERS | DAAC-PE | 72759 | 1D631 |
| TSG | MAJ S.W. ARNT | DASG-HCD-S | 72213 | 2D515 |
| CCH | MRS. IDA BUTCHER | DACH-PPI | 51409 | 1E423 |
| TJAG | MAJ G.O. VARO | DAJA-ZX | 53786 | 2E444 |
| NGB | MR. J.E. RENNIE | NGB-ARC-M | 756-2456 | 5600 Columbia Pike Falls Church, VA 22041 |
| CAR | COL J.B. SULLIVAN | DAAR-PLO | 55117 | 3E390 |
| TAGO | LTC H. YARGER | DAAG-PLM | 44671 | 1E659 |
| COE | MR. L.G. SUPRISE | ESG | 282-2956 | 6500 Brooks Lane Washington, DC 20315 |
| | MR. F. KANIA | DAEN-ZCM | 52337 | 1E677 |
| CAA | MAJ W.H. MCLENDON | CSCA-PPO | 295-1006 | 8120 Woodmont Ave Bethesda, MD 20014 |
| USAREUR | LTC J. NAPPER | AEAGF-P | H/M 6668 | APO New York 09403 |
| TRADOC | MAJ W.A. ROSS | ATCD-AU | 8-680-3114 | Ft Monroe, VA 23651 |
| FORSCOM | MAJ D. TYE | AFCS-SCG | 8-588-4406 | Ft McPherson, GA 30330 |
| DARCOM | MR. Z.H. TASHJIAN | DRCFA-S | 274-8037 | 5001 Eisenhower Ave Alexandria, VA 22333 |
| USACC | MR. M.E. NICK | ACC-OPS-P | 8-879-6293 | Ft Huachuca, AZ 85615 |
| MTMC | MSG T.A. COUGILL | MT-PLO | 756-1127 | 5611 Columbia Pike Falls Church, VA 22041 |
| CIDC | MR. D. KNOWLES | CIAC-MS | 756-1521 | 5611 Columbia Pike Falls Church, VA 22041 |
| MDW | MS. I. MURRAY | ANRM-RE | 30603 | Ft Lesley J. McNair Washington, DC 20319 |
| HSC | LTC J. JAMES | HSA-CHC | 8-471-3116 | Ft Sam Houston, TX 78234 |
| INSCOM | MR. P.G. PENOY | IAMA | 25848 | Arlington Hall Station Arlington, VA 22212 |
| USAWC(SS1) | MR. J.R. CAMERON | AWCI | 8-242-3230 | Carlisle Bks, PA 17013 |
| BMDPO | LTC R.L. KELLEY | DACS-BMO | 274-9555 | 5001 Eisenhower Ave Alexandria, VA 22041 |
| OTEA | LTC W. DORCHER | CSTE-ZS | 756-2365 | 5600 Columbia Pike Falls Church, VA 22041 |
| PAED | LTC K. SAKAS | DACS-DPR | 41314 | 3B747 |

*EXTENSION IS AN 69 NUMBER, EXCEPT WHERE NOTED.

**MAILING ADDRESS IS WASHINGTON, DC 20310, EXCEPT WHERE NOTED

***ANY CHANGES OR DELEGATIONS TO THIS LIST, PLEASE REPORT TO THIS OFFICE

APPENDIX B

DOD STUDIES AND ANALYSES POINTS OF CONTACT

The following points of contact have been identified by their respective DOD studies and analyses agencies:

Office of the Assistant Secretary of Defense (PA&E)
ATTN: Mr. Russell Murray, II (202) 695-0971
Room 3E966, The Pentagon
Washington, DC 20301

Office of the Assistant Secretary of Defense (Atomic Energy)
ATTN: Dr. Benson D. Adams (202) 697-5574
Room 3E1069 The Pentagon
Washington, DC 20301

Office of the Under Secretary of Defense for Policy
ATTN: Mr. John P. Merrill (202) 697-2248
Room 4C761, The Pentagon
Washington, DC 20301

Organization of the Joint Chiefs of Staff (SAGA)
ATTN: Dr. William G. Lese, Jr. (202) 695-9153
Room 1D940, The Pentagon
Washington, DC 20301

Department of the Army, Office of Chief of Staff, Management
Directorate, Chief, Study Program Management Office
ATTN: Dr. F. Paul Dunn (202) 697-0026
Room 3D618, The Pentagon
Washington, DC 20310

Chief of Naval Operations
ATTN: OP966, Mr. John A. Pond (202) 694-5530
Room 3E437, The Pentagon
Washington, DC 20350

Headquarters, United States Air Force
Assistant Chief of Staff Studies and Analyses
ATTN: COL Donald Nagel (202) 695-9046
Room 1E388, The Pentagon
Washington, DC 20330

Headquarters, U. S. Marine Corps
Code RDS-40
ATTN: LTC T. V. Barrett (202) 694-2161
Room 2405, Arlington Annex
Washington, DC 20380

APPENDIX C

IN-HOUSE STUDIES AND ANALYSES AGENCIES AND REFERENCE FACILITIES

Information is provided concerning Department of the Army Studies and Analyses Agencies capable of providing in-house study support. Additionally, information is provided concerning DOD study reference facilities maintained by the Defense Technical Information Center (DTIC) and the Defense Logistics Studies Information Exchange (DLSIE). A brief description of each organization capability and appropriate points of contact are provided. Members of the study community are required to follow appropriate coordination/tasking procedures to ensure availability of desired support within mutual capabilities, missions, and functions.

a. DA In-house Studies and Analysis Agencies.

(1) U.S. Army Materiel Systems Analysis Activity (AMSAA). The U.S. Army Materiel Systems Analysis Activity is responsible for providing the central independent technical capability for DARCOM for the development/conduct of systems analyses and cost effectiveness studies and for providing quantified assessments/estimates of materiel effectiveness (performance) in the total envisioned spectrum of the combat/combat support/combat service support environment. AMSAA serves as the DARCOM center for reliability, availability, maintainability (RAM) assessment of materiel systems, conducts system survivability analyses of developmental and fielded equipment/systems and, in addition, estimates materiel system effectiveness (performance) in the total envisioned spectrum of the combat/combat support/combat service support environment including readiness aspects of performance. AMSAA designs development, product improvement, surveillance, and other tests and conducts independent evaluations in order to provide a meaningful basis for major decisions concerning Army materiel system life cycle aspects to include design, development, acquisition, employment, deployment, and logistics supportability. An additional responsibility is that of coordinating and administering, at the request of the Joint Technical Coordinating Group/Munitions Effectiveness, joint review efforts to improve analytical methodology and the data bases used in the determination of nonnuclear weapon system effectiveness. AMSAA maintains direct contact with Army materiel users and identifies materiel problems of users in the field, surfaces these problems in DARCOM, and monitors solution progress to ensure response in a timely manner. Additionally, AMSAA provides an overview for DARCOM of the worldwide life cycle surveillance program of the reliability and performance of nuclear and nonnuclear ammunition, missiles, and materiel systems in deployment or stockpiles, and also provides special systems analysis support to DARCOM major Army subcommands, projects/product managers, and other activities throughout DOD.

POC: Director, U.S. Army Materiel Systems Analysis
Activity

ATTN: DRXSYPM
Aberdeen Proving Ground, Maryland 21005
AUTOVON: 2833268 Commercial: 301 278-3268

(2) Combined Arms Combat Development Activity (CACDA). The Combined Arms Combat Development Activity is responsible for developing concepts, doctrine, organizations, and materiel requirements for combat, combat support, and command and control systems for brigades, divisions, corps and echelons above corps of the Army in theater of operations. To accomplish the above, various study and test efforts require technical expertise in the areas of operational research, systems analysis, economic and cost analysis, wargaming, computer modeling, and field test evaluation.

POC: Commander, U.S. Army Combined Arms Center
ATTN: ATZLCA-DM-PB
Ft Leavenworth, Kansas 66027
AUTOVON: 552-5118/4828 Commercial: 913 684-4828/5118

(3) U.S. Army Concepts Analysis Agency (CAA). The Concepts Analysis Agency is responsible for providing an analytical capability and performing analytical studies required by the CSA, heads of Army Staff agencies, and MACOMs in four broad areas: Army object force to include integration of strategy and other service forces; Army force design with emphasis on integration of new concepts and systems; Army materiel mix with emphasis on rational developed in the context of force structure in support of the materiel acquisition process; and Army operational and strategic plans and concepts of operations.

POC: Commander, U.S. Army Concepts Analysis Agency
ATTN: CSCA-PPO
8120 Woodmont Ave
Bethesda, Maryland 20014
AUTOVON: 295-1006 Commercial: 202 295-1006

(4) Engineer Studies Center (ESC). The Engineer Studies Center is responsible for performing selected studies and analyses within the Army Study System in support of planning, programing, budgeting, and operational decisionmaking. ESC is charged with assisting the Chief of Engineers in the discharge of his Army Staff responsibilities which include advising the Chief of Staff and Army General Staff. As requested by study sponsors and as directed by the Chief of Engineers (COE), provides direct analytical support to the Army, DOD, or other Executive Branch Agencies. Such support generally consists of applying engineering, interdisciplinary, and systems/operations research skills to problem areas susceptible to ESC's particular capabilities.

POC: Commander, U.S. Army Engineer Studies Center
6500 Brooks Lane
Washington, DC 20315
AUTOVON: 292-2950 Commercial: 202 282-2950

(5) U.S. Army Intelligence and Security Command (INSCOM): The Intelligence and Threat Analysis Center (ITAC) under INSCOM is responsible for Army production of intelligence and threat analysis. Threat analysis is directed at evaluating the ability of a potential enemy to neutralize or degrade the effectiveness of current or projected Army equipment and doctrine, tactics and organization. ITAC develops threat data on potential enemies, based on current intelligence output but subjected by ITAC to additional projective analysis during which current intelligence is interacted with Army force, combat and materiel proposals to develop response threats, response options, and future oriented enemy capabilities studies for use by the Army. Concentration is on major developmental systems and DA sponsored force planning and combat development activities. Products are intended to support combat, materiel and force developers in analyses conducted as part of the Army Study Program. Indepth analysis of specific topics or subjects in current capabilities of selected foreign nations is also conducted. ITAC does not assess the impact of threat on U.S. Army plans, studies, projects or systems.

POC: Commander, U.S. Army Intelligence and Security Command
ATTN: IAITA (or IAX-PM)
Arlington Hall Station, Virginia 22212
AUTOVON: 222-5938 Commercial: 202 692-5938

(6) Inventory Research Office (IRO). The IRO is responsible for conducting short, mid, and long range studies applying operations research techniques to logistics problems (i.e., VSL/EOQ enhancements, forecasting techniques, ERPSL, production leadtime variability, provisioning, major item management, requirements - driven scheduling and maintenance floats), providing technical assistance to DARCOM headquarters, commands and others on request and performing research on operations research techniques and models.

POC: Director, U.S. Army Inventory Research Office
Room 800, U.S. Custom House
2d and Chestnut Streets
Philadelphia, Pennsylvania 19106
AUTOVON: 444-3808 Commercial: 215 597-8377

(7) Logistics Evaluation Agency (LEA). The Logistics Evaluation Agency is primarily responsible for executing policies prescribed by the HQDA, DCSLOG in the execution of his General Staff responsibilities for development and supervision of the Army logistics organization and system. This includes: assessing the total logistics products of contingency plans and force structure; serving all the independent logisticians in the materiel acquisition process; providing the DCSLOG, HQDA with independent evaluation

of logistic acceptability and supportability for use in establishing his position at ASARC reviews and other HQDA reviews; evaluating and proposing solutions to logistics problems; and providing technical guidance, procedures, and assistance to the Army in its execution of policy, directives, and guidance issued by the DCSLOG, HQDA.

POC: Commander, U.S. Army Logistics Evaluation Agency
ATTN: DALO-LEP
New Cumberland Army Depot, Pennsylvania 17070
AUTOVON: 977-6557 Commercial: 717 782-6557

(8) Logistics Center. The U.S. Army Logistics Center is responsible for developing logistics concepts, doctrine, organization, systems, and materiel concepts and requirements for the Army. Included in this mission is the task of ensuring that the supply, maintenance, transportation, and services and facilities system designed for the Army in the field and the CONUS retail logistics system are compatible with the wholesale logistics system developed by DARCOM, Defense Logistics Agency, General Services Administration, Military Sealift Command, Military Airlife Command, and Military Traffic Management Command.

POC: Commander, U.S. Army Logistics Center
ATTN: ATCL-DPE
Ft Lee, Virginia 23801
AUTOVON: 687-1960/2666 Commercial: 804 734-1960/2666

(9) Logistics Studies Office (LSO). The Logistics Studies Office conducts management and operations research studies on a variety of DARCOM operational problems. Study areas include supply, maintenance, distribution, foreign military sales, economic analyses, management training and development, management control, and information systems analyses.

POC: Commandant, U.S. Army Logistics Management Center
ATTN: DRXMC-LSO
Ft Lee, Virginia 23801
AUTOVON: 687-4309/1093 Commercial: 804 734-4309/1093

(10) Strategic Studies Institute (SSI). The Strategic Studies Institute conducts strategic studies on the nature and use of the U.S. Army during peace and war; supports Army participation in Joint arenas, with respect to broad issues of national security; addresses other, major departmental concerns for which an independent, internal study capability is required by the Army; and, contributes independent studies and analyses on issues of current or future impact to the Army. The Institute is specifically designed to support the Army from the perspective of the Chief of Staff as a member of the JCS, and as an actor in the NSC community, and to deal with broad, high-level issues of national security, strategic concepts, and strategic theory.

POC: Director Strategic Studies Institute
ATTN: AWC I (Mr. Cameron)
Carlisle Barracks, Pennsylvania 17013
AUTOVON: 242-3230 Commercial: 717 245-3230

(11) TRADOC Systems Analysis Activity (TRASANA). TRADOC Systems Analysis Activity is responsible for undertaking, monitoring, supervising, reviewing, or evaluating requirement studies, cost and operational effectiveness analyses (COEA), or evaluation of operational test plans or results for Commander, TRADOC in support of the weapons systems acquisition process. Such other analytical tasks, tests, or model design work will be undertaken as directed.

POC: Director, TRADOC Systems Analysis Agency
ATTN: ATAA-DA
White Sands Missile Range, New Mexico 88002
AUTOVON: 258-5912 Commercial: 915 687-5912

(12) U.S. Army Administration Center. The Administration Center is responsible for serving as the focal point for combat development and the integration of doctrine, education, and training in the areas of personnel, administration, and finance systems. Major responsibilities include: planning for the mobilization mission; planning for the conduct of operations in support of civil authorities in domestic emergencies; materiel requirements with emphasis on support of units engaged in combat operations; assistance in testing and evaluating established and proposed personnel, administrative and finance systems to determine their impact on organizations in the field and their capability and suitability for combat operations; and preparation of doctrinal literature for proponent areas.

POC: Commander, U.S. Army Administration Center
ATTN: ATZI-CD
Ft Benjamin Harrison, Indiana 46216
AUTOVON: 699-2060/2037 Commercial: 317 524-2060/2037

b. Department of Defense Reference Facilities.

(1) Defense Technical Information Center (DTIC). The Defense Technical Information Center is the central facility within the Department of Defense for the interchange of scientific and technical research data collections on a secondary distribution basis. Included in these data collections are technical reports received from other U.S. Government agencies and from several foreign nations on a reciprocal or voluntary basis. Defense agencies and their associated contractor researchers are required to deposit information (both classified and unclassified, up to and including Secret and Restricted Data) into the various data collections maintained by DTIC for the subsequent withdrawal of registered users. These collections are the

Technical Report (TR) Program, which contains records of completed research; the Research and Development Program Planning (R&DPP) consisting of descriptions concerning planned research; the Independent Research and Development (IR&D) Data Bank, containing descriptions of contractor efforts in current research (proprietary information); and finally, the Research and Technology Work Unit Information System (WUIS), containing work unit information summaries of current Defense sponsored efforts in research and technology. The Research and Technology Work Unit Summary (DD Form 1498) submitted to DTIC, in accordance with AR 5-5 (paragraph 3-6a), is part of the DTIC data collection supporting Army studies.

POC: Defense Technical Information Center
ATTN: DTIC-TIR-2
Cameron Station
Alexandria, Virginia 22314
AUTOVON: 284-6875 Commercial: 202 274-6875

(2) Defense Logistics Studies Information Exchange (DLSIE).
The Defense Logistics Studies Information Exchange has been assigned the mission of collecting, organizing, storing, and disseminating information relating to the DOD logistics study effort and logistics management documentation that may be of interest to the logistics community. DLSIE's authority is found in DOD Instruction 5154.19, with AR 5-7 being the Army's implementing regulation for the DOD Instruction. AR 5-5 also requires input into the DLSIE data base, and use of the data base by various Army organizations responsible for conducting logistics studies.

In accomplishing its assigned mission, DLSIE provides the following products and services: The Annual DOD Bibliography of Logistics Studies and Related Documents, with three quarterly supplements; the Annual DOD Catalog of Logistics Models; Custom data base searches of the studies and models data bases; Secondary distribution of DLSIE accessions; and Selective Dissemination of Information (SDI) lists.

POC: Defense Logistics Studies Information Exchange
U.S. Army Logistics Management Center
Ft Lee, Virginia 23801
AUTOVON: 687-4546/4255 Commercial: 804 734-4546/4255

APPENDIX D

This appendix includes an alphabetical title listing of studies and analyses which have been reported as completed, deleted, deferred, or terminated.

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>LAT</u> | <u>ACTION</u> | <u>STUDY # PPA</u> |
|--|----------------|---------------|------------|---------------|--------------------|
| A PILOT STUDY TO DETERMINE COST OF DELIVERING DISCRETE DENTAL PROCEDURES | HSC | IN-HOUSE | 6 | DELETED | 8011122 |
| A TIME-PHASED EVALUATIVE INVESTIGATION OF THE ARMY-TRAINED DENTAL HYGIENIST | HSC | IN-HOUSE | 1 | DELETED | 8010040 |
| ADMINISTRATION SERVICES IN THEATER OF OPERATIONS | TRADOC | IN-HOUSE | 2 | TERMINATED | 8010219 |
| ADVANCED HEAVY ANTITANK WEAPON SYSTEM (AHAWS) (COEA) | TRADOC | IN-HOUSE | 3 | COMPLETED | 7910400 |
| ADVANCED INVENTORY MODELS | DARCOM | IN-HOUSE | 4 | DELETED | 8001994 |
| ADVANCED MEDIUM ANTITANK WEAPON SYSTEM (AMAWS) | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910401 |
| AH-1 FLIGHT AND WEAPONS SIMULATOR (CTEA) | TRADOC | IN-HOUSE | 5 | COMPLETED | 7911000 |
| AIR DEFENSE ARTILLERY MASTER PLAN | DCSOPS | IN-HOUSE | 2 | COMPLETED | 8010064 PPA |
| AIRMOBILE OPERATIONS IN SUPPORT OF NATO OPERATIONS | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110235 |
| AIRSPACE MANAGEMENT NEAR THE FEBA | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110236 |
| ALTERNATIVE RESOURCE ALLOCATION PRIORITIES, 1985-1995 (ARAP) | DCSOPS | IN-HOUSE | 2 | COMPLETED | 7910261 |
| ALTERNATIVE STRUCTURE FOR ADMINISTRATIVE SUPPORT FOR TOTAL ARMY | TRADOC | IN-HOUSE | 2 | TERMINATED | 8010221 |
| AMMUNITION PLANT SAFETY PERSONNEL STUDY | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002097 |
| ANALYSIS OF BALANCED SUSTAINABILITY, LSU 906 | DARCOM | IN-HOUSE | 4 | DELETED | 7910732 |
| ANALYSIS OF MAJOR ITEM REDISTRIBUTION/ SUBSTITUTION POLICIES | DARCOM | IN-HOUSE | 4 | COMPLETED | 7910733 |
| ANALYSIS OF SURVIVABILITY ENHANCEMENT BY MCF STANDARDIZATION | DARCOM | IN-HOUSE | 5 | DELETED | 8010184 |
| ANTI-ARMOR CAPABILITIES FOR ENGINEER UNITS | TRADOC | IN-HOUSE | 5 | TERMINATED | 8010451 |
| APPLICATION OF THE INFORMATION RESOURCE MANAGEMENT APPROACH TO THE DEVELOPMENT OF THE CSA DATABASE | ACSAC | BOTH | 6 | DELETED | 8010038 |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY #</u> | <u>PPA</u> |
|--|----------------|---------------|------------|---------------|----------------|------------|
| APPREHENSION OF MILITARY DESERTERS DURING PEACETIME IN AN ALL-VOLUNTEER FORCE (PHASE II) | DCSPER | IN-HOUSE | 1 | TERMINATED | 7910020 | |
| ARMOR CONCEPTS AND FORCE DESIGN (ARCON) | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910403 | |
| ARMORED COMBAT LOGISTICS SUPPORT VEHICLE FAMILY (ACLSVF) (CUEA-UPDATE) | TRADOC | IN-HOUSE | 4 | TERMINATED | 8110723 | |
| ARMY AIR DEFENSE COMMAND AND CONTROL, PART II: ECHELON OVER DIVISION | TRADOC | BOTH | 3 | TERMINATED | 8110103 | |
| ARMY AIRCRAFT AVIATION STUDY (ASS) | TRADOC | IN-HOUSE | 2 | TERMINATED | 8010201 | |
| ARMY AND CUSTOMER TOTAL PRODUCTION REQUIREMENTS AND PRIORITY DISTRIBUTION FOR MAJOR ITEMS, PHASE I | DARCOM | IN-HOUSE | 4 | COMPLETED | 8010755 | PPA |
| ARMY AVIATION DOCTRINE IN SUPPORT OF LOW INTENSITY WARFARE | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110239 | |
| ARMY AVIATION EMPLOYMENT IN ACROSS-THE-REDA OPERATIONS | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110237 | |
| ARMY AVIATION EMPLOYMENT IN THE EXPLOITATION AND PURSUIT | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110238 | |
| ARMY AVIATION FUEL REQUIREMENT AND ALTERNATIVES (AAFR) | TRADOC | IN-HOUSE | 4 | TERMINATED | 8110724 | |
| ARMY AVIATION PHASED MAINTENANCE EVALUATION | DCSLOG | CONTRACT | 4 | DELETED | 8010770 | PPA |
| ARMY BATTLEFIELD INTERFACE CONCEPT (ABIC) 79-80 | TRADOC | IN-HOUSE | 2 | COMPLETED | 7910222 | |
| ARMY COMMAND AND CONTROL SYSTEM ARCHITECTURE | TRADOC | CONTRACT | 2 | COMPLETED | 7910174 | |
| ARMY CONTINUING EDUCATION POLICY AND RECOMMENDATIONS | TAGC | IN-HOUSE | 1 | COMPLETED | 8010056 | |
| ARMY CRUISE MISSILE | TRADOC | CONTRACT | 5 | DELETED | 8110104 | |
| ARMY FORCE PLANNING DATA AND ASSUMPTIONS FY 1980-1989 (AFPPA FY 80-89) | DCSOPS | IN-HOUSE | 3 | COMPLETED | 7910488 | |
| ARMY HELICOPTER OPERATIONS IN AN NBC ENVIRONMENT | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110240 | |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| STUDY TITLE | SPONSOR | METHOD | CAT | ACTION | STUDY # | PPA |
|---|---------|----------|-----|------------|---------|-----|
| ARMY MARINE AND TERMINAL UNIT REQUIREMENTS ANALYSIS (ARMATUR) | TRADOC | IN-HOUSE | 4 | TERMINATED | 8110725 | |
| ARMY NET ASSESSMENT OF US/NATO AND SOVIET/WP GROUND COMBAT FORCES IN CENTRAL EUROPE, 1980-1986 (ANACE-86) | DCSOPS | IN-HOUSE | 7 | COMPLETED | 7911253 | |
| ARMY NON-APPROPRIATED FUND (NAF) CENTRAL BANKING PROGRAM (CBP) | TAGC | IN-HOUSE | 6 | COMPLETED | 8010329 | |
| ARMY RAIL STUDY | DARCOM | IN-HOUSE | 4 | COMPLETED | 7910084 | |
| ARMY STAFF AUTOMATED ADMINISTRATIVE SUPPORT SYSTEMS (ARSTADS) | TAGC | IN-HOUSE | 6 | COMPLETED | 8010321 | |
| ARMY STRATEGIC APPRAISAL - 1983-1990 | DCSOPS | IN-HOUSE | 2 | COMPLETED | 7910263 | |
| ARMY VETERINARY CARE UTILIZATION PROFILE (AVCUP) | HSC | IN-HOUSE | 6 | DELETED | 8011111 | |
| ARLUM: RATIONALIZATION, STANDARDIZATION, INTEROPERABILITY (RSI) | DARCOM | IN-HOUSE | 4 | TERMINATED | 7910747 | |
| ARTILLERY COMMAND, CONTROL AND COMMUNICATION REQUIREMENTS 1980-1989 | TRADOC | IN-HOUSE | 3 | TERMINATED | 8010405 | |
| ASL/PLS DOLLAR VALUE | DARCOM | IN-HOUSE | 4 | COMPLETED | 7910738 | |
| ASSESSMENT OF AMMUNITION VULNERABILITY ON THE M60A1 | DARCOM | IN-HOUSE | 3 | COMPLETED | 7910185 | |
| ASSESSMENT OF NATO: BATTLEFIELD DEVELOPMENT PLAN (BDP) III | TRADOC | CONTRACT | 3 | DELETED | 8010452 | |
| ASSESSMENT OF US/SOVIET PRODUCTION BASE FOR WAR PACING ITEMS | DCSRDA | CONTRACT | 5 | DELETED | 8011093 | PPA |
| ASSESSMENT OF WARGAMING/TECHNOLOGICAL FORECASTING | TRADOC | CONTRACT | 5 | DELETED | 8110105 | |
| ASVAB ADVISORY COUNCIL | MEPLUM | BOTH | 2 | DELETED | 8002178 | |
| AUTHORIZATION FLUCTUATIONS AFFECTING PERSONNEL MANAGEMENT | DCSPER | CONTRACT | 1 | DELETED | 8110060 | |
| AUTOMATED SUPPORT OF THE ARMY PUBLICATION DISTRIBUTION SYSTEM IN THE 1980'S | TAGC | CONTRACT | 6 | DELETED | 8111135 | |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY # PPA</u> |
|--|----------------|---------------|------------|---------------|--------------------|
| AUTOMATION OF WARTIME FUNCTIONAL SUPPLY REQUIREMENTS | TRADOC | IN-HOUSE | 4 | COMPLETED | 8002198 |
| AVIATION INTERMEDIATE MAINTENANCE (AVIM) MOBILITY | TRADOC | IN-HOUSE | 4 | COMPLETED | 8110726 |
| BASIC LOAD VS TRANSPORT AND RESUPPLY CAPABILITY | DARCOM | IN-HOUSE | 4 | COMPLETED | 8010187 |
| BATTLEFIELD DATA SYSTEMS BURDEN ON TACTICAL COMMUNICATIONS | DARCOM | IN-HOUSE | 6 | COMPLETED | 7910063 |
| BATTLEFIELD ENVIRONMENT OBSCURATION MODEL | DARCOM | IN-HOUSE | 5 | COMPLETED | 8010188 |
| BATTLEFIELD SURVEILLANCE TARGET ACQUISITION RADAR (BSTAR) (CUEA) | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910406 |
| BATTLEFIELD SURVEILLANCE TARGET ACQUISITION RADAR (BSTAR) (CUEA) | TRADOC | IN-HOUSE | 3 | TERMINATED | 8010454 |
| C-12A (HURON) COST AND CONTINGENCY STUDY | DARCOM | CONTRACT | 2 | COMPLETED | 7910085 |
| CACDA/FRASAA MODEL IMPROVEMENT PROGRAM (MIP) | TRADOC | BOTH | 3 | TERMINATED | 7910407 PPA |
| CAMOUFLAGE DESIGN GOALS | DARCOM | BOTH | 2 | DELETED | 8112173 |
| CATALOG OF INTERNATIONAL LOGISTICS RELATED DATA ELEMENTS | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002047 |
| CCSS GO-TO WAR | DARCOM | IN-HOUSE | 4 | COMPLETED | 8002001 |
| CENTRALIZED VETERINARY LABORATORY QUALITY ASSURANCE STUDY II | HSC | IN-HOUSE | 6 | DELETED | 8011112 |
| CERCOM MANPOWER RESOURCE PLANNING MODEL | DARCOM | IN-HOUSE | 1 | COMPLETED | 7910191 |
| CEV SUB-CALIBER TRAINING DEVICE (CUEA) | TRADOC | IN-HOUSE | 5 | TERMINATED | 8011026 |
| CHAPLAIN SUPPORT TO THE ARMY DIVISION | TRADOC | IN-HOUSE | 1 | COMPLETED | 8002199 |
| CHEMICAL OPERATIONS IN BUILT-UP AREAS | DCSOPS | IN-HOUSE | 2 | DELETED | 8110280 |
| CHEMICAL RESEARCH PROJECT | CAA | IN-HOUSE | 3 | COMPLETED | 8010166 |
| CHEMICAL SYSTEMS ARCHITECTURE | DARCOM | IN-HOUSE | 5 | COMPLETED | 8011056 |
| CHILD SUPPORT SERVICES (CSS) PROGRAM | TAGC | IN-HOUSE | 6 | COMPLETED | 8010328 |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY #</u> | <u>PPA</u> |
|--|----------------|---------------|------------|---------------|----------------|------------|
| CIVIL MILITARY OPERATIONS IN COALITION WARFARE (CMOCW) | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110241 | |
| CIVILIAN PERSONNEL MANAGEMENT | DCSPER | IN-HOUSE | 1 | COMPLETED | 8001360 | |
| COMBAT FUEL CONSUMPTION FACTORS (CF2) | DCSOPS | IN-HOUSE | 3 | COMPLETED | 8010337 | |
| COMBAT VEHICLE SURVIVABILITY OPTIMIZATIONS/SUBMODEL | DARCOM | IN-HOUSE | 5 | COMPLETED | 7910192 | |
| COMBINED ARMS TRAINING REQUIREMENTS WITHIN US FORCES | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110242 | |
| COMMANDERS UPSEC SUPPORT SYSTEM (CUSS) | TRADOC | BOTH | 2 | COMPLETED | 7910205 | |
| COMMON COSTING METHODOLOGY FOR TRAINING (CCMT) | DCSOPS | IN-HOUSE | 1 | COMPLETED | 7910049 | PPA |
| COMPARISON OF DENTAL LABORATORY PRODUCTION AT THE LOCAL INSTALLATIONS AND THE REGIONAL DENTAL ACTIVITIES PART II | HSC | IN-HOUSE | 6 | COMPLETED | 8011114 | |
| COMPOSITION OF DARCOM 1702-3 | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002107 | |
| CONCEPT FOR EMPLOYMENT OF TACTICAL NUCLEAR FORCES | TRADOC | BOTH | 3 | TERMINATED | 7910409 | |
| CONCEPTS OF EMPLOYMENT OF AVIATION AGAINST ENEMY AIRMOBILE ASSAULT TO THE REAR (AVAGAR) | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110244 | |
| CONCEPTS, TACTICS, AND DOCTRINE FOR HELICOPTER ATTACKS FORWARD OF THE REAR | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110243 | |
| CONTINUOUS OPERATIONS IN ARMOR UNITS | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910411 | |
| CONTRACT MANAGEMENT SYSTEM EVALUATION PROGRAM (CMSEP) | DARCOM | IN-HOUSE | 6 | COMPLETED | 7910195 | |
| CONTRIBUTION OF INFANTRY TO THE COMBINED ARMS BATTLE | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910412 | |
| CORPS DREDGE STUDY | CUE | IN-HOUSE | 4 | TERMINATED | 8010162 | |
| CORPS PERSONNEL CENTER (PERCEN) | TRADOC | IN-HOUSE | 5 | TERMINATED | 7911023 | |
| COSAGE ENHANCEMENT | CAA | BOTH | 3 | DELETED | 8110170 | |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY #</u> | <u>PPA</u> |
|--|----------------|---------------|------------|---------------|----------------|------------|
| COST-BENEFIT/SAVINGS TRACKING AND DISPLAY FOR LOGISTICS ADP SYSTEMS | DCSLOG | IN-HOUSE | 4 | DELETED | 7910764 | |
| DARCOM BUDGET PREDICTION MODEL | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002105 | |
| DARCOM CAPABILITY DURING NON-MOBILIZATION CONTINGENCIES | DARCOM | IN-HOUSE | 4 | COMPLETED | 7910739 | |
| DARCOM TMDE PROJECT | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002108 | |
| DATA BUSS, FT MOND | ACSAC | BOTH | 6 | DELETED | 8112083 | |
| DATA BUSS, PENTAGON | ACSAC | BOTH | 6 | DELETED | 8112084 | |
| DECENTRALIZED PATIENT PHARMACIES | HSC | IN-HOUSE | 1 | COMPLETED | 7910115 | |
| DEFINITION OF TACTICAL SOFTWARE REQUIREMENTS FOR ROLAND | TRADOC | BOTH | 3 | DEFERRED | 8010416 | |
| DEGRADATION IN EFFECTIVENESS OF RED SECOND ECHELON AND LOGISTICS UNITS | DARCOM | CONTRACT | 4 | COMPLETED | 8010087 | |
| DENTAL CARE REQUIREMENTS OF THE COMBAT DIVISION "ROUND-OUT" BRIGADE | HSC | IN-HOUSE | 1 | DELETED | 8010119 | |
| DESIGN ARMY MANAGEMENT STRUCTURE (AMS) ARCHITECTURE | CAA | CONTRACT | 6 | COMPLETED | 7911150 | |
| DESIGN GOALS FOR FUTURE CAMOUFLAGE SYSTEMS | DARCOM | BOTH | 2 | COMPLETED | 8002165 | |
| DETECTION OF REMOTE MINEFIELDS | DARCOM | CONTRACT | 5 | COMPLETED | 8111058 | |
| DEV OF THE MANUFACTURING TECHNOLOGY MANUAL | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002095 | |
| DEVELOP/REFINE COMPUTER MODELS FOR CHEMICAL WARFARE ANALYSIS (SMOKE EMPLOYMENT AND ANALYSIS METHODOLOGY) | DLSOPS | CONTRACT | 3 | DELETED | 8110508 | |
| DEVELOPMENT OF A CORPS LOGISTICS ANALYSIS METHODOLOGY (OCSLAM) | TRADOC | IN-HOUSE | 4 | TERMINATED | 7910702 | |
| DEVELOPMENT OF A PROGRAM 3A | ACSAC | CONTRACT | 2 | DELETED | 8011362 | |
| DEVELOPMENT OF AUTOMATED COST DATA BANK | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002099 | |
| DIVISION ELECTRONIC WARFARE INTELLIGENCE FUNCTIONAL ANALYSIS STUDY (DEWIFAS) | TRADOC | IN-HOUSE | 2 | COMPLETED | 7910209 | |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| STUDY TITLE | SPONSOR | METHOD | CAT | ACTION | STUDY # | PPA |
|--|---------|----------|-----|------------|---------|-----|
| DIVISION 1986 STUDY (DIV 86) | TRADOC | BOTH | 3 | COMPLETED | 7910419 | PPA |
| DOCTRINAL EXPANSION FOR NON-NATO THEATERS | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110298 | PPA |
| DOCTRINE AND TACTICS FOR ARMY AVIATION IN COMBINED ARMS ASSAULTS ON CITIES | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110245 | |
| DOD STOCKAGE POLICY ANALYSIS WORK GROUP | DARCOM | IN-HOUSE | 4 | COMPLETED | 8002247 | |
| DSS - AIR LINE OF COMMUNICATION (ALOC) ANALYSIS OF PIPELINE CYCLE SEGMENT AND OST OBJECTIVES | DARCOM | IN-HOUSE | 4 | COMPLETED | 7910769 | |
| DYNAMIC ANALYSIS OF AMMUNITION PRODUCTION BASE UNDER MOBILIZATION CONDITIONS | DARCOM | IN-HOUSE | 6 | TERMINATED | 7910317 | |
| DYNAMIC ANALYSIS OF THE TECHNICAL INTERFACE CONCEPT | TRADOC | BOTH | 2 | TERMINATED | 8110297 | PPA |
| DYNAMICS OF AMMUNITION PRODUCTION BASE UNDER MOBILIZATION CONDITIONS | DARCOM | IN-HOUSE | 4 | DELETED | 8010759 | |
| ECONOMIC ANALYSIS OF SIMS-X AUTOMATED | DARCOM | IN-HOUSE | 6 | COMPLETED | 7910089 | |
| EFFECTIVENESS OF US SECURITY ASSISTANCE IN ACQUIRING AND RETAINING FRIENDS AND ALLIES (ESARFA) | DCSOPS | IN-HOUSE | 8 | COMPLETED | 7911300 | |
| ELECTRO-OPTICAL SENSOR COUNTERMEASURE STUDY (EUCM) | TRADOC | IN-HOUSE | 7 | TERMINATED | 8011210 | |
| ELECTRONIC WARFARE (EW) VULNERABILITY ASSESSMENT OF THEATER NUCLEAR FORCES (TNF) COUNTERMEASURES | DCSOPS | CONTRACT | 3 | COMPLETED | 7910491 | |
| EMPLOYMENT OF FORWARD AREA REFUELING AND REARMING POINT (FARRP) (AVIATION) | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110246 | |
| ENEMY PRISONER OF WAR OPERATIONS IN COALITION WARFARE (EPW) | TRADOC | IN-HOUSE | 3 | TERMINATED | 8110476 | |
| ENGINEER ASSESSMENT, EUROPE | COE | IN-HOUSE | 3 | COMPLETED | 7910485 | PPA |
| ENGINEER FAMILY OF SYSTEMS STUDY II (NUCLEAR ENVIRONMENT) (E-FOSS II) | TRADOC | IN-HOUSE | 3 | TERMINATED | 8010456 | |
| ENGINEER SQUAD VEHICLE | TRADOC | IN-HOUSE | 5 | TERMINATED | 8011028 | |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY # PPA</u> |
|---|----------------|---------------|------------|---------------|--------------------|
| ENHANCEMENT OF THE ANTI-ARMOR CAPABILITY ON NON-MECHANIZED INFANTRY TO REINFORCE IN EUROPE | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910421 |
| ENHANCEMENT OF THE INFANTRY NBC CAPABILITY | TRADOC | IN-HOUSE | 5 | TERMINATED | 7911008 |
| ENLISTED RETENTION IN THE AMEDD (ERA) | HSC | IN-HOUSE | 1 | DELETED | 7910031 |
| EQUIPMENT RUST AND CORROSION | DARCOM | IN-HOUSE | 5 | COMPLETED | 7911046 |
| EVALUATION OF AFFILIATION COST EFFECTIVENESS | DCSOPS | IN-HOUSE | 3 | DELETED | 8110561 PPA |
| EVALUATION OF ARTILLERY COMMAND AND CONTROL SYSTEMS | DARCOM | IN-HOUSE | 5 | TERMINATED | 8011060 |
| EVALUATION OF BARRIERS THAT PRODUCE TIME DELAYS | DARCOM | IN-HOUSE | 3 | COMPLETED | 8010483 |
| EVALUATION OF CAREER MANAGEMENT FIELD (CMF) 67 | DCSLOG | IN-HOUSE | 1 | COMPLETED | 8010078 |
| EVALUATION OF INTEGRATED FACILITIES SYSTEM | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002106 |
| EVALUATION OF MILITARY AND POLITICAL CONSTRAINTS ON INTEGRATED (CONVENTIONAL, NUCLEAR, AND CHEMICAL) OPERATIONS USING INWAKS | DCSOPS | BOTH | 3 | DEFERRED | 8110510 PPA |
| EVALUATION OF TOTAL SYSTEM SURVIVABILITY ETSS (ARTILLERY) | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910422 |
| EVALUATION OF WOMEN IN THE ARMY (EWITA-II) | TRADOC | IN-HOUSE | 2 | TERMINATED | 7910225 |
| EYE-SAFE SIMULATED LASER RANGEFINDER (LSEA) | TRADOC | IN-HOUSE | 1 | TERMINATED | 8110018 |
| FEDERAL EMERGENCY MANAGEMENT AGENCY | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002102 |
| FIGHTING VEHICLE ORGANIZATION STUDY | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002100 |
| FIGHTING VEHICLE SYSTEM (FVS) DECISION RISK ANALYSIS (DRA) | DARCOM | IN-HOUSE | 5 | COMPLETED | 7910203 |
| FINANCIAL MANAGEMENT OF THE ARMY STOCK FUND (ASF) | DARCOM | IN-HOUSE | 6 | COMPLETED | 8010206 |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY #</u> | <u>PPA</u> |
|---|----------------|---------------|------------|---------------|----------------|------------|
| FIREFINDER SYSTEM (CTEA) | TRADOC | IN-HOUSE | 3 | COMPLETED | 7910424 | |
| FIREFINDER TRAINER (CTEA) | TRADOC | IN-HOUSE | 3 | COMPLETED | 7910425 | |
| FORCE STRUCTURE ANALYSES | CAA | BOTH | 3 | DELETED | 8001380 | |
| FORCE SUSTAINABILITY | TRADOC | CONTRACT | 3 | DELETED | 8110108 | |
| FORECASTING ARMY BUDGET COMMITMENTS AND OBLIGATIONS | DARCOM | IN-HOUSE | 6 | COMPLETED | 7910208 | |
| FRG/US JOINT AVIATION DEVELOPMENT STUDY | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110247 | |
| FUNCTIONAL REALIGNMENT OF DCSPER | DCSPER | IN-HOUSE | 1 | DEFERRED | 8001390 | |
| FUTURE COMBAT ENGINEER VEHICLE | TRADOC | IN-HOUSE | 5 | TERMINATED | 8011030 | |
| GENERAL CAMOUFLAGE THREAT | DARCOM | BOTH | 5 | COMPLETED | 7910223 | |
| GOCD DELEGATION OF AUTHORITY; OVERMANAGEMENT OF AAP'S | DARCOM | IN-HOUSE | 6 | COMPLETED | 8010224 | |
| MELBOURNE LASER WEAPONS (MLW) (COEA) | TRADOC | IN-HOUSE | 5 | TERMINATED | 8111039 | |
| HELICOPTER MAST MOUNTED SIGHT (HELMAS) CONCEPT FORMULATION | TRADOC | IN-HOUSE | 5 | TERMINATED | 8111040 | |
| HELICOPTER REQUIREMENTS TO SUPPORT ARMY 86 | DCSLOG | IN-HOUSE | 4 | DELETED | 8010156 | |
| HELICOPTER REQUIREMENTS TO SUPPORT THE ARMY LOGISTICS MISSION (HELILUG) STUDY UPDATE | TRADOC | IN-HOUSE | 4 | TERMINATED | 8110729 | |
| HIGHWAY REGULATION DOCTRINE AND ORGANIZATION | TRADOC | IN-HOUSE | 4 | TERMINATED | 8110730 | |
| HISTORY OF THE EFFECTIVENESS OF US UN FORCES WITH EMPHASIS ON MATERIEL PERFORMANCE | DARCOM | IN-HOUSE | 5 | DELETED | 8010227 | |
| HOSPITAL WIDE EDUCATION AND TRAINING IN THE USAMEDDAG | HSC | IN-HOUSE | 6 | DELETED | 8111128 | |
| HQDA AND MACOM INFORMATION REQUIREMENTS PILOT ORGANIZATIONAL AND MANAGEMENT PROCESSES (IKM) | ACSAC | BOTH | 6 | DELETED | 8110051 | |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/74 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY #</u> | <u>PPA</u> |
|---|----------------|---------------|------------|---------------|----------------|------------|
| IDENTIFICATION AND EVALUATION OF SENSORS FOR UNDERGROUND OBSTACLES EXCAVATION | DARCOM | BOTH | 5 | COMPLETED | 7910230 | |
| IFVS SHOULD COST | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002104 | |
| IMPACT OF AUTOMATIC TEST EQUIPMENT (ATE) ON MISSION EFFECTIVENESS | DARCOM | IN-HOUSE | 5 | TERMINATED | 8010090 | |
| IMPACT OF CHEMICAL WARFARE ON COMBAT POWER RATIOS | DCSOPS | IN-HOUSE | 3 | DELETED | 8110511 | |
| IMPACT OF SHORT WARNING ON INTEROPERABILITY | TRADOC | IN-HOUSE | 3 | TERMINATED | 8110565 | PPA |
| IMPACT OF SHORT WARNING ON US/GS MAINTENANCE OPERATIONS | TRADOC | IN-HOUSE | 4 | TERMINATED | 8110785 | PPA |
| IMPLEMENTATION OF "GO-TO-WAR" CONCEPT IN CCSS | DARCOM | IN-HOUSE | 4 | DELETED | 8010234 | |
| IMPLEMENTATION OF CHANGE | DCSOPS | IN-HOUSE | 3 | COMPLETED | 7910493 | |
| IMPLEMENTATION OF QUANTITY DISCOUNT PROCEDURES | DARCOM | IN-HOUSE | 4 | DELETED | 8001996 | |
| IMPROVED LIGHTWEIGHT ANTI-TANK ASSAULT WEAPON (VIPER) (CUA) | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910431 | |
| IMPROVED MODELING OF TARGET ACQUISITION IN NCM (NIGHT COMBAT MODEL) | DARCOM | CONTRACT | 5 | DELETED | 8011063 | |
| IMPROVING THE DEFINITION OF THE OBJECTIVE FORCE METHODOLOGY (IDOFM) | DCSOPS | IN-HOUSE | 3 | COMPLETED | 7910492 | PPA |
| INCREASED FIST EFFECTIVENESS | TRADOC | BOTH | 3 | TERMINATED | 8010462 | |
| INFANTRY CLOSE COMBAT ADVANCED ANTIARMOR REQUIREMENTS STUDY | TRADOC | IN-HOUSE | 5 | TERMINATED | 8001412 | |
| INFANTRY SQUAD ANTI-PERSONNEL FIREPOWER | TRADOC | IN-HOUSE | 2 | TERMINATED | 8010212 | |
| INTEGRATED FORECASTING TECHNIQUES FOR SECONDARY ITEM CLASSES | DARCOM | IN-HOUSE | 4 | DELETED | 8002201 | |
| INTEGRATED TACTICAL COMMUNICATIONS UPDATE SYSTEM (INTACS UPDATE) | TRADOC | IN-HOUSE | 2 | COMPLETED | 7910226 | |
| INTEGRATION OF HUMAN RESOURCES MANAGEMENT | TRADOC | IN-HOUSE | 6 | DELETED | 7911100 | |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY #</u> | <u>PPA</u> |
|---|----------------|---------------|------------|---------------|----------------|------------|
| INTELLIGENCE ORGANIZATION AND STATIONING STUDY (IOSS) CHAPTER 2 | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910433 | |
| INTELLIGENCE PREPARATION OF THE BATTLEFIELD (IPB) | TRADOC | IN-HOUSE | 7 | TERMINATED | 7911204 | |
| INTELLIGENCE SCENARIO ORIENTED RECURRING EVALUATION (ISORE) | TRADOC | IN-HOUSE | 7 | TERMINATED | 7911205 | |
| INTELLIGENCE SUPPORT/REQUIREMENTS FOR ECHELONS ABOVE CORPS (EAC) | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910434 | |
| INTELLIGENCE WARGAMING METHODOLOGY | TRADOC | IN-HOUSE | 7 | TERMINATED | 7911206 | |
| INTERACTION OF LASER WEAPONS AND DESIGNATORS (ILWAD) | TRADOC | IN-HOUSE | 3 | TERMINATED | 8010464 | |
| INTERDICTION STUDY | TRADOC | CONTRACT | 2 | DELETED | 8010109 | |
| INTERPERSONAL COMPETITION WITHIN THE OFFICER CORPS | DCSPER | IN-HOUSE | 1 | DELETED | 7910058 | |
| JAMMER EFFECTIVENESS STUDY (JES) | TRADOC | IN-HOUSE | 3 | COMPLETED | 8010465 | |
| LAND FORCE PLANNING ESTIMATE FOR INTERVENTION IN AN ARAB-ISRAELI CONFLICT | DCSOPS | IN-HOUSE | 3 | DELETED | 8110495 | |
| LIGHTWEIGHT INFANTRY MORTAR VEHICLE STUDY | TRADOC | IN-HOUSE | 2 | TERMINATED | 7910213 | |
| LOGISTICS SYSTEM SURVIVABILITY IN A CHEMICAL WARFARE ENVIRONMENT | DCSOPS | CONTRACT | 3 | COMPLETED | 7910497 | |
| MAJOR ITEM PRICE UPDATE PROCEDURES (MIPUP) | DARCOM | IN-HOUSE | 6 | COMPLETED | 7901349 | |
| MANAGEMENT OF ACCESSIONS | DCSPER | IN-HOUSE | 1 | DELETED | 8111743 | |
| MANAGEMENT OF MEDICAL RECORDS WITHIN THEATER OF OPERATIONS | TRADOC | IN-HOUSE | 6 | TERMINATED | 8011101 | |
| MANAGER DEVELOPMENT STUDY | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002098 | |
| MANPOWER REQUIREMENTS DETERMINATION | DCSPER | CONTRACT | 1 | DEFERRED | 8001384 | |
| MCA - NATO INFRASTRUCTURE PROGRAMING | CUE | IN-HOUSE | 6 | COMPLETED | 7911142 | |
| MEDIUM LIFT HELICOPTER (MLH) (CUEA) | TRADOC | IN-HOUSE | 1 | COMPLETED | 7910005 | |
| MEDIUM LIFT HELICOPTER (MLH) (CUEA) | TRADOC | IN-HOUSE | 4 | COMPLETED | 7910707 | |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY # PPA</u> |
|---|----------------|---------------|------------|---------------|--------------------|
| METHODOLOGIES FOR COMPUTING DAYS OF SUPPLY/SUPPORT | DARCOM | IN-HOUSE | 4 | DELETED | 7910095 |
| METHODOLOGIES FOR REAL TIME FORECASTS OF THE SUSTAINABILITY OF SELECTED MAJOR ITEMS | DARCOM | IN-HOUSE | 4 | COMPLETED | 8010281 |
| METHODOLOGIES FOR REAL TIME FORECASTS OF THE SUSTAINABILITY OF SELECTED MAJOR | DARCOM | IN-HOUSE | 4 | COMPLETED | 8002049 |
| METHODOLOGY FOR SAMPLE DATA COLLECTION | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002202 |
| MILITARY PLANNING GUIDANCE | DCSOPS | IN-HOUSE | 2 | COMPLETED | 8001363 |
| MILITARY POLICE SUPPORT IN ECHELONS ABOVE CORPS (MP-EAL) | TRADOC | IN-HOUSE | 3 | TERMINATED | 8110479 |
| MILITARY POLICE SUPPORT STUDY | TRADOC | IN-HOUSE | 3 | TERMINATED | 8010467 |
| MINIMUM ACCEPTABLE CRITERIA FOR ENLISTMENT (MALE) | DCSPER | IN-HOUSE | 1 | DELETED | 8111745 |
| MISSION AREA ANALYSIS STUDY | DCSOPS | IN-HOUSE | 6 | COMPLETED | 7911145 PPA |
| MOBILIZATION, MANPOWER POLICY ANALYSIS (MMPAS) | DCSPER | IN-HOUSE | 1 | DEFERRED | 8001397 |
| MORTAR FIRE CONTROL CALCULATOR (MFCC) CUEA | TRADOC | IN-HOUSE | 3 | DELETED | 7910435 |
| MORTARS IN COMBAT UNITS | TRADOC | IN-HOUSE | 3 | TERMINATED | 8010179 |
| MULTIPLE LAUNCH ROCKET SYSTEM (CUEA UPDATE) (FORMERLY GSKS) | TRADOC | IN-HOUSE | 3 | COMPLETED | 7910427 |
| MULTIPLE TARGET ELECTRONIC WARFARE SYSTEM (MULTENS) (CUEA) | TRADOC | IN-HOUSE | 3 | TERMINATED | 7911014 |
| MUNITIONS SYSTEM SUPPORT STRUCTURE - EXTENDED 61-89 MS3-X | TRADOC | IN-HOUSE | 4 | COMPLETED | 7910706 |
| MWU EFFECTIVENESS | DARCOM | IN-HOUSE | 3 | COMPLETED | 7910287 |
| MWU MACHINE GUN MARKSMANSHIP TRAINING CUEA | TRADOC | IN-HOUSE | 3 | TERMINATED | 8001422 |
| MWU SYSTEM CONDUCT OF FIRE TRAINERS (CUEA) | TRADOC | IN-HOUSE | 1 | TERMINATED | 7910004 |
| NADUS AIR DEFENSE MODEL | CAA | CONTRACT | 3 | DELETED | 8001376 |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY #</u> | <u>PPA</u> |
|---|----------------|---------------|------------|---------------|----------------|------------|
| NATO AIR DEFENSE DEPLOYMENT STUDY 1981-1995 (NADUS-95) | DCSOPS | IN-HOUSE | 3 | COMPLETED | 7910499 | PPA |
| NATO ANTI-ARTILLERY STUDY | DCSRDA | IN-HOUSE | 2 | COMPLETED | 7910294 | |
| NATO INTEROPERABILITY/STANDARDIZATION: AVIATION INTEGRATION FORCE EFFECTIVENESS REQUIREMENTS (NIS/AIFER) | TRADOC | IN-HOUSE | 2 | TERMINATED | 8110249 | |
| NATO LAND FORCES ELECTRONIC WARFARE INTEROPERABILITY ASSESSMENT | DCSOPS | CONTRACT | 2 | COMPLETED | 7910268 | |
| NATO WARTIME REQUIREMENTS FOR AMMUNITION AND MATERIEL FY87 | DCSOPS | IN-HOUSE | 3 | DELETED | 8010515 | |
| NATO/WP INTEGRATED (NUCLEAR, CHEMICAL, CONVENTIONAL) WARFARE NET ASSESSMENT | DCSOPS | IN-HOUSE | 7 | DEFERRED | 8111260 | |
| NBC STRIKE WARNING SYSTEM FOR US ARMY UNITS IN EUROPE | DCSOPS | CONTRACT | 2 | DELETED | 8110279 | |
| NET ASSESSMENT OF NATO AND WARSAW PACT MOBILIZATION POTENTIAL, PHASES II, III, IV | DCSOPS | IN-HOUSE | 7 | DELETED | 8011256 | |
| NETWORK SUPPORT REQUIREMENT ANALYSIS PHASE II | ACSAC | BOTH | 6 | DELETED | 8112085 | |
| NEW APPROACHES TO RECONSTITUTION | TRADOC | BOTH | 4 | COMPLETED | 8002210 | |
| NON-EXPLOSIVE OBSTACLES | TRADOC | IN-HOUSE | 5 | TERMINATED | 8111041 | |
| NON-PRODUCTIVE FACTOR ALLOWANCE | HSC | IN-HOUSE | 1 | COMPLETED | 7910032 | |
| OBSTETRICAL PROFESSIONAL STAFFING FOR SAFETY, EFFICIENCY AND ECONOMY BY USE OF COMPUTER MODELING (UB MODEL) | HSC | IN-HOUSE | 1 | DELETED | 8010036 | |
| ODCSPER FUNCTIONAL AND ORGANIZATIONAL REALIGNMENT | DCSPER | IN-HOUSE | 1 | COMPLETED | 8001746 | |
| OMA P7M FUNDING POLICIES AND THEIR APPLICATION WITHIN THE DARCOM DEVELOPMENT COMMUNITY | DARCOM | IN-HOUSE | 1 | COMPLETED | 8002050 | |
| OMNIBUS CAPABILITY STUDY - 30 | DCSOPS | IN-HOUSE | 3 | COMPLETED | 7910500 | PPA |
| OPERATION AND ORGANIZATION OF TRANSPORTATION BREAKBULK POINTS | TRADOC | IN-HOUSE | 4 | TERMINATED | 8111907 | |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY # PPA</u> |
|--|----------------|---------------|------------|---------------|--------------------|
| OPERATIONAL CONCEPTS FOR CSS STRUCTURE OF RESERVE COMPONENTS | TRADOC | IN-HOUSE | 2 | TERMINATED | 8010228 |
| OPERATIONAL CONCEPTS FOR RECONSTITUTION OF FORCES ENGAGED WITH 1ST ECHELON | TRADOC | IN-HOUSE | 2 | TERMINATED | 8010229 |
| OPLAN 4102 TIME PHASED SUPPORT REQUIREMENTS FOR NON-DIVISIONAL FORCES IN A CONFLICT SCENARIO SET IN AFGENT IN 1980 | USAREUR | IN-HOUSE | 5 | COMPLETED | 8001396 |
| OPTIMAL FREQUENCY FOR CONDUCTING PERIODIC DENTAL EXAMINATION | HSC | IN-HOUSE | 1 | COMPLETED | 8010117 |
| OPTIMIZE ENGINEER COMBAT ZONE COMMAND AND CONTROL STRUCTURE | TRADOC | IN-HOUSE | 3 | TERMINATED | 8010468 |
| OV-X SURVIVABILITY 1990 | TRADOC | BOTH | 5 | TERMINATED | 8011015 |
| PACOMED IMPACT EVALUATION | HSC | IN-HOUSE | 6 | DELETED | 8111130 |
| PARSIMONY IN MEDICAL AUDITING (PIMA) | HSC | IN-HOUSE | 6 | DELETED | 8111131 |
| PATRIOT ARMY AND DEFENSE SYSTEMS ACQUISITION REVIEW COUNCILS (ICREA) | TRADOC | IN-HOUSE | 3 | COMPLETED | 7910437 |
| PERFORMANCE MEASUREMENT OF LONG DURATION KED PROGRAMS | BMDPO | CONTRACT | 2 | COMPLETED | 7910292 |
| PERSONNEL REPLACEMENT SYSTEM IN A CONTINUOUS COMBAT ENVIRONMENT | DCSPER | IN-HOUSE | 2 | DELETED | 8110299 PPA |
| PETROLEUM HOSELINE SYSTEM | DARCOM | BOTH | 5 | COMPLETED | 8002166 |
| PM-FVS ORG STUDY | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002252 |
| PORTABLE MINE NEUTRALIZATION SYSTEM (MINI-COEAT) | TRADOC | IN-HOUSE | 5 | TERMINATED | 7911017 |
| POST 1965 O&D CONCEPT FOR BATTLEFIELD SPECTRUM MANAGEMENT | TRADOC | BOTH | 2 | DELETED | 8011369 |
| POTENTIAL NON-AIR DEFENSE SENSOR CONTRIBUTION TO AIR DEFENSE | DARCOM | IN-HOUSE | 5 | COMPLETED | 7911050 |
| PROCEDURAL INCONSISTENCIES BETWEEN FIXED AND FIELD MEDICAL INPATIENT FACILITIES | HSC | IN-HOUSE | 1 | DELETED | 8110118 |
| PROGRAM ALTERNATIVES FOR AUTOMATED CHEMICAL AGENT ALARM SYSTEM | DARCOM | IN-HOUSE | 2 | COMPLETED | 7910300 |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| STUDY TITLE | SPONSOR | METHOD | CAT | ACTION | STUDY # PPA |
|---|---------|----------|-----|------------|-------------|
| PROGRAM DEVELOPMENT INCREMENT PACKAGES (PDIP) PRIORITIZATION PROCESS | DESOPS | CONTRACT | 6 | DELETED | 8010321 |
| PROTECTIVE BATTLEFIELD EMPLACEMENTS (PRUBE) | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910438 |
| QUANTITATIVE ANALYSIS IN BATTLEFIELD DEVELOPMENT PLAN III | TRADOC | CONTRACT | 3 | COMPLETED | 8010469 |
| QUARTERMASTER SUPPORT TO THE THEATER OF OPERATIONS-1986 (TUPNS-c6) | TRADOC | IN-HOUSE | 4 | TERMINATED | 7910709 |
| RAM PRIMER PROJECT | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002103 |
| READINESS OF NON-US NATO RESERVE FORCES IN AFGENT | INSCOM | IN-HOUSE | 7 | DEFERRED | 8011239 PPA |
| REAR AREA COMBAT OPERATIONS EXTENDED (RACU-EX) | TRADOC | IN-HOUSE | 2 | TERMINATED | 7910231 |
| RECOILESS RIFLE (RR)/AT ROCKET SURVEY | DARCOM | IN-HOUSE | 5 | COMPLETED | 7911051 |
| RED TEAM IN THE SINGLE INTEGRATED DEVELOPMENT TEST CYCLE | DARCOM | IN-HOUSE | 5 | TERMINATED | 7911067 |
| REQUIREMENTS FOR AN AIRBORNE LASER DESIGNATION SYSTEM TO SUPPORT ARMY COMBINED ARMS AND JOINT SERVICE | TRADOC | IN-HOUSE | 5 | TERMINATED | 8111042 |
| RESERVE COMPONENT STRUCTURE-PART II | DESOPS | IN-HOUSE | 3 | DELETED | 8110540 PPA |
| REVIEW AMEDD MUS (RAM II) | HSC | IN-HOUSE | 1 | DELETED | 8010041 |
| REVIEW OF DARCOM READINESS EVALUATION SYSTEM (DKES) | DARCOM | IN-HOUSE | 4 | COMPLETED | 8010306 |
| RIVER CROSSING OPERATIONS (RIVCO) | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910439 |
| SCENARIOS FOR POTENTIAL NON-NATO CONTINGENCIES (SCECON) | DESOPS | IN-HOUSE | 2 | COMPLETED | 7910269 |
| SCIENCE AND TECHNOLOGY PROGRAM STRUCTURE AND ORGANIZATION | DARCOM | BOTH | 6 | COMPLETED | 8002168 |
| SECOND DESTINATION TRANSPORTATION (SDT) | DARCOM | IN-HOUSE | 4 | COMPLETED | 7910750 |
| SECURITY ASSISTANCE PROCEDURES IN WARTIME | DARCOM | IN-HOUSE | 4 | COMPLETED | 7910751 |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY #</u> | <u>PPA</u> |
|--|----------------|---------------|------------|---------------|----------------|------------|
| SELF-DEFENSE SUBSYSTEM FOR ARMY AIRCRAFT (S2A2) CONCEPT FORMULATION | TRADOC | IN-HOUSE | 5 | TERMINATED | 8111043 | |
| SELF-DEPLOYABILITY OF ARMY AIRCRAFT | TRADOC | IN-HOUSE | 3 | COMPLETED | 8001903 | |
| SINGLE CHANNEL TACTICAL SATELLITE COMMUNICATIONS | TRADOC | IN-HOUSE | 5 | TERMINATED | 8010181 | |
| SMOKE EMPLOYMENT AND ANALYSIS METHODOLOGY | DCSOPS | CONTRACT | 3 | DELETED | 8001387 | |
| SOVIET DOCTRINE AND TACTICS FOR COMMUNICATIONS JAMMING AND RADIO ELECTRONIC COMBAT | INSCOM | IN-HOUSE | 7 | DELETED | 8111241 | PPA |
| SOVIET/MP COMMAND, CONTROL AND COMMUNICATIONS PROJECTIONS AND OPERATIONAL DEPLOYMENTS, 1981-2000 | INSCOM | CONTRACT | 7 | DELETED | 8110172 | |
| SPECIAL OPERATIONS CARRIER STUDY (SUCAR) | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910440 | |
| SPECIFICATIONS FOR IMPLEMENTING QUANTITY DISCOUNT PROCEDURES IN LCSS | DARCOM | IN-HOUSE | 4 | DELETED | 8010308 | |
| SPOTLIGHT RADAR ANALYSIS | TRADOC | CONTRACT | 5 | DELETED | 8110111 | |
| STOCK RESERVATION LEVELS | DARCOM | IN-HOUSE | 4 | DELETED | 8010309 | |
| STRATEGIC ARMAMENT LIMITATION SUPPORT STUDIES | DARCOM | BOTH | 3 | COMPLETED | 7910310 | |
| STUDY EFFECTS OF TMD CALIBRATION ON COMMUNICATIONS SYSTEMS PERFORMANCE | USACC | BOTH | 4 | COMPLETED | 7910782 | |
| STUDY OF ADMINISTRATIVE FIELD OFFICE EQUIPMENT (SAFOE) | TAGC | IN-HOUSE | 6 | DEFERRED | 8011136 | |
| STUDY OF LOGISTIC FUNDING GUIDANCE | USACC | IN-HOUSE | 4 | DELETED | 7910780 | |
| SUPPLY MANAGEMENT MINI-COMPUTER APPLICATIONS | DARCOM | IN-HOUSE | 4 | DELETED | 8002002 | |
| SUPPORTABILITY | USACC | IN-HOUSE | 4 | DELETED | 7910781 | |
| SYSTEMS FORCE MIX ANALYSES | CAA | BOTH | 3 | DELETED | 8001379 | |
| TACTICAL AIRCRAFT DESIGN GOALS | DARCOM | CONTRACT | 5 | COMPLETED | 7910097 | |

COMPLETED, DELETED, AND DEFERRED STUDIES
(FOR THE PERIOD: 10/01/79 TO 09/30/80)

| <u>STUDY TITLE</u> | <u>SPONSOR</u> | <u>METHOD</u> | <u>CAT</u> | <u>ACTION</u> | <u>STUDY #</u> | <u>PPA</u> |
|--|----------------|---------------|------------|---------------|----------------|------------|
| TACTICAL COMMUNICATIONS VULNERABILITY ASSESSMENT OF COMBAT ELECTRONIC WARFARE INTELLIGENCE SYSTEMS (TACVA/CEWIS) | TRADOC | IN-HOUSE | 5 | TERMINATED | 8011019 | |
| TACTICAL GAP CROSSING OPERATIONS (TAGAP II) | TRADOC | IN-HOUSE | 3 | TERMINATED | 8110480 | |
| TACTICAL INTELLIGENCE CONCEPTS (TIC) | TRADOC | IN-HOUSE | 2 | TERMINATED | 7910217 | |
| TACTICAL OPERATIONS SYSTEM (TOS) ENGINEERING DEVELOPMENT PROTOTYPE DIVISION LEVEL | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910445 | |
| TACTICAL OPERATIONS SYSTEM AT CORPS AND SUBORDINATE ECHELONS (TOS CASE) ALTERNATIVES ANALYSIS | TRADOC | IN-HOUSE | 3 | TERMINATED | 8010474 | |
| TACTICAL RECONNAISSANCE & SURVEILLANCE SYSTEM REQUIREMENT (TRSR) | TRADOC | IN-HOUSE | 2 | TERMINATED | 7910218 | |
| TACTICAL RESUPPLY OPERATIONS IN A CONTINUOUS COMBAT ENVIRONMENT | TRADOC | IN-HOUSE | 4 | TERMINATED | 8110784 | PPA |
| TACTICAL SIGINT SYSTEMS REQUIREMENT THROUGH 1990'S (SSR) | TRADOC | IN-HOUSE | 3 | TERMINATED | 7910446 | |
| TACTICAL SURVEILLANCE RECONNAISSANCE & TARGET ACQUISITION MISSION AREA ANALYSIS | TRADOC | IN-HOUSE | 7 | TERMINATED | 7911207 | |
| TAG INFORMATION RESOURCE MANAGEMENT PROGRAM (TAGIRMP) | TAGC | IN-HOUSE | 6 | COMPLETED | 8010330 | |
| TANK WEAPONS GUNNERY SIMULATION SYSTEM (CTLA) | TRADOC | IN-HOUSE | 1 | TERMINATED | 8110019 | |
| TARGET (PHASE II) | NTMC | IN-HOUSE | 4 | COMPLETED | 8001817 | |
| TARGET ACQUISITION PERFORMANCE ESTIMATES AND SENSITIVITIES (TAPES) | DAKCOM | IN-HOUSE | 5 | TERMINATED | 7911053 | |
| TARGET ACQUISITION/INTELLIGENCE SYSTEMS COMBAT MIX (TAISCOM) MODEL IMPROVEMENT | CAA | CONTRACT | 3 | DELETED | 8110541 | |
| TECHNICAL INTERFACE CONCEPT (TIC) ON THE CORPS BATTLEFIELD | TRADOC | IN-HOUSE | 3 | COMPLETED | 7910447 | |
| TECHNICAL REPORT | DAKCOM | BOTH | 5 | COMPLETED | 8112172 | |
| TECHNICAL SUPPORT REQUIREMENT FOR AIR DEFENSE ANALYSIS | TRADOC | IN-HOUSE | 5 | DELETED | 8010112 | |

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|--|----------------|---------------|------------|---------------|--------------------|
| TECHNOLOGICAL OPPORTUNITIES FOR THE RDF | DCSRDA | CONTRACT | 5 | DELETED | 8101341 |
| THE CHAPLAIN'S ROLE ON THE BATTLEFIELD OF THE FUTURE | CCH | IN-HOUSE | 1 | DELETED | 8111344 |
| THE 3000/2000 GPH REVERSE OSMOSIS WATER PURIFICATION UNIT (ROWPU) (CUEA) | TRADOC | IN-HOUSE | 5 | TERMINATED | 8111037 |
| THEATER ARMY PERSONNEL COMMAND (PERSCOM) | TRADOC | IN-HOUSE | 1 | TERMINATED | 7910008 |
| THEATER NUCLEAR AND CHEMICAL FORCE REQUIREMENTS - 1988 (NAREQ-88) | DCSOPS | IN-HOUSE | 3 | DELETED | 8110543 |
| THRACE ANALYSIS | DCSOPS | IN-HOUSE | 3 | COMPLETED | 8010514 |
| THREAT SENSOR COUNTERMEASURES FOR HOWITZER BATTERIES | DARCOM | BOTH | 5 | COMPLETED | 7910099 |
| THREAT TO ARMY COMMAND AND CONTROL SYSTEM (ACCSS) | INSCOM | IN-HOUSE | 7 | DEFERRED | 8001954 |
| TIME SHARING SOFTWARE | DARCOM | IN-HOUSE | 4 | DELETED | 8001995 |
| TOTAL ARMY ANALYSIS - 1986 (TAA-86) | DCSOPS | IN-HOUSE | 3 | COMPLETED | 7910502 |
| TRANSITION TO AMKE METHODOLOGY | TRADOC | CONTRACT | 6 | DELETED | 8110113 |
| TRANSPORTATION CAPABILITY ANALYSIS (TRANSCAP) | TRADOC | IN-HOUSE | 4 | TERMINATED | 8010721 PPA |
| TRANSPORTATION COSTS OF DEPOT DISTRIBUTION PLANS | DARCOM | IN-HOUSE | 4 | TERMINATED | 7910755 |
| TWO-SIDED DIVISION LEVEL SIMULATION | DARCOM | IN-HOUSE | 3 | TERMINATED | 7910482 |
| UNDERREPORTING TO CHILD MALTREATMENT CENTRAL REGISTRY | HSC | IN-HOUSE | 6 | DELETED | 8011119 |
| UPDATE OF AMC PAMPHLET 1-3 | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002096 |
| UPDATE OF MANUAL FOR POSITION CLASSIFIERS | OLSPER | CONTRACT | 1 | DELETED | 8010029 PPA |
| US STRATEGY AND THE ARMY RESERVE COMPONENTS IN NATO (STARCO) | DCSOPS | IN-HOUSE | 3 | COMPLETED | 8010518 PPA |
| USA RECRUITING COMMAND PROJECT | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002109 |
| USACIA FORENSIC LAB STUDY | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002251 |

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|---|----------------|---------------|------------|---------------|--------------------|
| USAMETA MIS STUDY | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002092 |
| USASAC ECONOMIC ANALYSIS | DARCOM | IN-HOUSE | 6 | COMPLETED | 8002250 |
| USE OF LOGISTICAL ARMY AIRLIFT | TRADOC | IN-HOUSE | 4 | TERMINATED | 8110731 PPA |
| USE OF OBSCURANTS IN SOVIET TACTICS | INSCOM | IN-HOUSE | 7 | DEFERRED | 8011226 PPA |
| USE OF TROOP CLINIC BUILDINGS AS FAMILY PRACTICE CLINICS | HSC | IN-HOUSE | 6 | DELETED | 8011126 |
| USEFUL LIFE STUDY OF (M576) WEAPON SYSTEMS | DARCOM | IN-HOUSE | 4 | TERMINATED | 7910754 |
| UTILITY OF INWARS FOR EVALUATION SIOP OPTIONS | DCSOPS | IN-HOUSE | 3 | DELETED | 8110546 |
| UTILIZATION OF EXPANDED FUNCTION DENTAL HYGIENIST | HSC | IN-HOUSE | 1 | DELETED | 8110042 |
| VALIDATION OF THE COMPOSITE TIME VALUES (CIV) FOR UNIFORM CHARTS OF ACCOUNTS (UCA) DENTAL PROCEDURES | HSC | IN-HOUSE | 6 | DELETED | 8011127 |
| VII CORPS TACTICAL NUCLEAR STUDY (NUCOR-7) | DCSOPS | IN-HOUSE | 3 | DELETED | 8010503 |
| WAR RESERVE REQUIREMENTS FOR NEW WEAPON SYSTEM | DARCOM | IN-HOUSE | 4 | DELETED | 8002204 |
| WARSAW PACT AIR DEFENSE DEPLOYMENT CONCEPTS | INSCOM | CONTRACT | 7 | DELETED | 8111249 |
| WARTIME CASUALTY REPORTING SYSTEM (WARGARS) | TAGC | IN-HOUSE | 6 | COMPLETED | 7911134 |
| WARTIME ESTIMATE OF COMBAT CONSUMABLES | DARCOM | IN-HOUSE | 4 | COMPLETED | 7910101 |
| WARTIME REQUIREMENTS FOR AMMUNITION, MATERIEL, AND PERSONNEL (WARRAMP) PHASE IV - METHODOLOGY ENHANCEMENT I | CAA | BOTH | 3 | COMPLETED | 8010121 |
| WARTIME REQUIREMENTS FOR AMMUNITION, MATERIEL, AND PERSONNEL (WARRAMP) PHASE III - EXPERIMENTAL TEST AND PRODUCTION | CAA | IN-HOUSE | 3 | COMPLETED | 7910164 |
| WARTIME REQUIREMENTS FOR AMMUNITION, MATERIEL, AND PERSONNEL FY 85-87 (WARRAMP PRTE) | DCSOPS | IN-HOUSE | 3 | DELETED | 8010522 |

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|---|----------------|---------------|------------|---------------|----------------|------------|
| WATER RESOURCES DATA BASE MANAGEMENT | TRADOC | IN-HOUSE | 4 | TERMINATED | 8010722 | |
| WEAPONS EFFECTIVENESS INDICES/WEIGHTED UNIT VALUES (WEI/WUV III) | CAA | IN-HOUSE | 3 | COMPLETED | 8001968 | |

APPENDIX E

This appendix includes an alphabetical title listing of studies and analyses planned to be conducted by HQDA Staff agencies and MACOMs for FY81. The study sponsor, category of study and method of performance can be determined by referring to the page number listed for each study.

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